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RO86-5       145.9       73.3       72.6       37.295       -79.552       3802       6530       1       164 A 71D       9050341         RO86-6       15.5       4.2       11.3       37.292       -79.568       3619       925       17       145 A 40       1450420         RO86-7       48.7       25.7       23.0       37.292       -79.565       3619       925       42434       145 A 40       1450420         RO86-8       7.1       1.5       5.6       37.290       -79.567       3619       925       2       145 A 40       1450420         RO86-9       98.3       51.8       46.5       37.291       -79.562       3619       925       3,5-6       145 A 40       1450420         RO86-10       29.3       15.2       14.1       37.283       -79.561       267       967       2-Jan       164 1 14       9051087         RO86-11       70.1       45.3       24.8       37.283       -79.564       267       967       2-6,8,10       164 A 1       1640000         RO86-12       8.9       0.0       8.9       37.282       -79.566       251       958       7       164 A 1       1640000         RO86-14 </td <td>RO86-5     145.9     73.3     72.6     37.295     -79.552     3802     6530     1     164 A 71D     905034       RO86-6     15.5     4.2     11.3     37.292     -79.568     3619     925     17     145 A 40     145042       RO86-7     48.7     25.7     23.0     37.292     -79.565     3619     925     42434     145 A 40     145042       RO86-8     7.1     1.5     5.6     37.290     -79.567     3619     925     2     145 A 40     145042       RO86-9     98.3     51.8     46.5     37.291     -79.562     3619     925     3,5-6     145 A 40     145042</td>	RO86-5     145.9     73.3     72.6     37.295     -79.552     3802     6530     1     164 A 71D     905034       RO86-6     15.5     4.2     11.3     37.292     -79.568     3619     925     17     145 A 40     145042       RO86-7     48.7     25.7     23.0     37.292     -79.565     3619     925     42434     145 A 40     145042       RO86-8     7.1     1.5     5.6     37.290     -79.567     3619     925     2     145 A 40     145042       RO86-9     98.3     51.8     46.5     37.291     -79.562     3619     925     3,5-6     145 A 40     145042
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RO86-7         48.7         25.7         23.0         37.292         -79.565         3619         925         42434         145 A 37         NA           RO86-8         7.1         1.5         5.6         37.290         -79.567         3619         925         42434         145 A 40         1450420           RO86-9         98.3         51.8         46.5         37.291         -79.562         3619         925         3,5-6         145 A 40         1450420           RO86-10         29.3         15.2         14.1         37.283         -79.561         267         967         2-Jan         164 1 14         9051087           RO86-11         70.1         45.3         24.8         37.283         -79.564         267         967         2-6,8,10         164 A 1         1640000           RO86-12         8.9         0.0         8.9         37.282         -79.561         251         958         7         164 A 1         1640000           RO86-13         8.1         3.0         5.1         37.280         -79.566         251         958         1         164 A 1         1640000           RO86-14         7.0         0.0         7.0         37.279         -79.557<	RO86-7 48.7 25.7 23.0 37.292 -79.565 3619 925 42434 145 A 40 145042 RO86-8 7.1 1.5 5.6 37.290 -79.567 3619 925 2 145 A 40 145042 RO86-9 98.3 51.8 46.5 37.291 -79.562 3619 925 3,5-6 145 A 40 145042
RO86-7 48.7 25.7 23.0 37.292 -79.565 3619 925 42434 145 A 40 1450420 RO86-8 7.1 1.5 5.6 37.290 -79.567 3619 925 2 145 A 40 1450420 RO86-9 98.3 51.8 46.5 37.291 -79.562 3619 925 3,5-6 145 A 40 1450420 RO86-10 29.3 15.2 14.1 37.283 -79.561 267 967 2-Jan 164 1 14 9051087 RO86-11 70.1 45.3 24.8 37.283 -79.564 267 967 2-6,8,10 164 A 1 1640000 RO86-12 8.9 0.0 8.9 37.282 -79.561 251 958 7 164 A 1 1640000 RO86-13 8.1 3.0 5.1 37.280 -79.566 251 958 1 164 A 1 1640000 RO86-14 7.0 0.0 7.0 37.279 -79.557 285 977 1 164 A 2 1640010	RO86-7 48.7 25.7 23.0 37.292 -79.565 3619 925 42434 145 A 40 145042 RO86-8 7.1 1.5 5.6 37.290 -79.567 3619 925 2 145 A 40 145042 RO86-9 98.3 51.8 46.5 37.291 -79.562 3619 925 3,5-6 145 A 40 145042
RO86-8         7.1         1.5         5.6         37.290         -79.567         3619         925         2         145 A 40         1450420           RO86-9         98.3         51.8         46.5         37.291         -79.562         3619         925         3,5-6         145 A 40         1450420           RO86-10         29.3         15.2         14.1         37.283         -79.561         267         967         2-Jan         164 1 14         9051087           RO86-11         70.1         45.3         24.8         37.283         -79.564         267         967         2-6,8,10         164 A 1         1640000           RO86-12         8.9         0.0         8.9         37.282         -79.561         251         958         7         164 A 1         1640000           RO86-13         8.1         3.0         5.1         37.280         -79.566         251         958         1         164 A 1         1640000           RO86-14         7.0         0.0         7.0         37.279         -79.557         285         977         1         164 A 2         1640010	RO86-8     7.1     1.5     5.6     37.290     -79.567     3619     925     2     145 A 40     145042       RO86-9     98.3     51.8     46.5     37.291     -79.562     3619     925     3,5-6     145 A 40     145042
RO86-9       98.3       51.8       46.5       37.291       -79.562       3619       925       3,5-6       145 A 40       1450420         RO86-10       29.3       15.2       14.1       37.283       -79.561       267       967       2-Jan       164 1 14       9051087         RO86-11       70.1       45.3       24.8       37.283       -79.564       267       967       2-6,8,10       164 A 1       1640000         RO86-12       8.9       0.0       8.9       37.282       -79.561       251       958       7       164 A 1       1640000         RO86-13       8.1       3.0       5.1       37.280       -79.566       251       958       1       164 A 1       1640000         RO86-14       7.0       0.0       7.0       37.279       -79.557       285       977       1       164 A 2       1640010	RO86-9 98.3 51.8 46.5 37.291 -79.562 3619 925 3,5-6 145 A 40 145042
RO86-10       29.3       15.2       14.1       37.283       -79.561       267       967       2-Jan       164 1 14       9051087         RO86-11       70.1       45.3       24.8       37.283       -79.564       267       967       2-6,8,10       164 A 1       1640000         RO86-12       8.9       0.0       8.9       37.282       -79.561       251       958       7       164 A 1       1640000         RO86-13       8.1       3.0       5.1       37.280       -79.566       251       958       1       164 A 1       1640000         RO86-14       7.0       0.0       7.0       37.279       -79.557       285       977       1       164 A 2       1640010	3013 313 143 143 143042
RO86-11       70.1       45.3       24.8       37.283       -79.564       267       967       2-6, 8, 10       164 A 1       1640000         RO86-12       8.9       0.0       8.9       37.282       -79.561       251       958       7       164 A 1       1640000         RO86-13       8.1       3.0       5.1       37.280       -79.566       251       958       1       164 A 1       1640000         RO86-14       7.0       0.0       7.0       37.279       -79.557       285       977       1       164 A 2       1640010	RO86-10   29.3   15.2   14.1   37.283   -79.561   267   967   2-Jan   164.1.14   905.108
RO86-12     8.9     0.0     8.9     37.282     -79.561     251     958     7     164 A 1     1640000       RO86-13     8.1     3.0     5.1     37.280     -79.566     251     958     1     164 A 1     1640000       RO86-14     7.0     0.0     7.0     37.279     -79.557     285     977     1     164 A 2     1640010	
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TOTALS 638.2 329.3	TOTALS 638.2 329.3

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND				//	AL RESIDUALS
A. This land application here as "Landowner", remains in effect until the Landowner in the individual parcels identionger be authorized to	, and Sie Noi in will it is terminated in will event of a sale of or ntified in this agreem	vriting by either pone or more parcenest that	eferred to here as the party or, with respect cels, until ownership hose parcels for which	ne "Permittee".  ct to those parc  of all parcels of	cels that are retained by changes. If ownership of
Landowner: The Landowner is the the agricultural, silvicu	owner of record of	the real property	ty located in Bedf	Ford Ctr. vi	irginia, which includes
attached as Exhibit A.	 ***********************************	•			
			vater treatment resid		
Tax Parcel ID		arcel ID	Tax Parcel I	<u>₽</u> A	Tax Parcel ID
146 B. 7	145 A	51 A	145 A 5:	3.4	
145 A 50	145 A	51 B	164 1	<del>/7  </del>	
145 A 54	145 A	52			
145 A 51	145 A	\$3			
☐ Additional parcels containing	ng Land Application Sites	s are identified on S	supplement A (check if ar	pplicable)	
Check one:	The Landowner is The Landowner i	s the sole owne s one of multiple	er of the properties id e owners of the prop	dentified herein perties identifie	ı. ed herein.
later than the o	e latest date of biose chaser or transferee date of the property	olids application of the applicable transfer; and	n, the Landowner sh	nall: d crop manage	ds have been applied ement restrictions no
The Landowner has no notify the Permittee imr for application or any p incorrect.	o other agreements imediately if conditio	for land applica	ation on the fields ide h that the fields are r	entified herein. no longer avail	lable to the Permittee
The Landowner hereby agricultural sites identifinspections on the land purpose of determining	fied above and in Ex d identified above, b	xhibit A. The La efore, during or	andowner also grants r after land application	ts permission for of permitted	for DEQ staff to conduct d residuals for the
Class B biosolids V	Water treatment res		od processing waste		dustrial sludges Ø No
-tan of		1	20	271-67	
Landowner - Printed Mame	GUN (KUNCA)	ignature /	Mquio	グイト //バル Mailing Addi	reply Besture
.Permittee: _	_		'/		WATER ASO
10-Nomicservic	$\mathcal{L}$ the Permittee, agre	es to apply biosc	olids and/or industrial r	residuals on the	Landowner's land in the
manner authorized by the plan prepared for each lan	: VPA Permit Regulation	on and in amount	its not to exceed the ra	ates identified in	the nutrient management
The Permittee agrees to n specifically prior to any parts	notify the Landowner of articular application to	or the Landowner the Landowner's	's designee of the pro- land. Notice shall inc	posed schedule	e for land application and e of residuals to be applied.
reviewed the document document(s) available to E	nt(s) assigning signate DEQ for review upon	ory authority to the request. (Do not continued to the co	e person signing for lather the lands	lowner signs this a	e. I will make a copy of this agreement)
ugha Buck Ste	venson for	all the	ne for Us	Charl	10+12, NC 28217
Remittee – Authorized Rep		gnature	Ï	Mailing Addr	ress

Rev 9/14/2012

### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Bio. Nomic Services country or City: Bed Ford Country

Landowner: James R. Ferguson

### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

#### 2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

#### 3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

#### 4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
  residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
  nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
  Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

\$

Landowner's Signature Rev 9/14/2012 Date

Page 2 of 2

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND API	PLICATION A	GREEMENT	- BIOSOLIDS AI	ND INDUST	RIAL RESIDUALS
A. This land application agree as "Landowner", and remains in effect until it is the Landowner in the event individual parcels identified longer be authorized to recommend.	erminated in w t of a sale of or in this agreem	riting by either part ne or more part nent changes, the	eferred to here as party or, with response sels, until ownershi nose parcels for wh	the "Permittee ect to those pa p of all parcels hich ownership	". This agreement arcels that are retained by schanges. If ownership of
Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of or reclamation	the real propert	y located in CedS below in Table 1	and identified	Virginia, which includes on the tax map(s)
Table 1.: Parcels aut	horized to rece	ive biosolids, w	ater treatment res	iduals or othe	r industrial sludges
Tax Parcel ID	Tax Pa	arcel ID	Tax Parce	el ID	Tax Parcel ID
146 8 6 146 8 7 145 A 50 145 A 54	145 A 145 A 145 A	51 A 51 B 51 C 52	145 A 53, 164 ( 1 <sup>2</sup>	A 1	
145 A 51	145 A	<u>53</u>			
Additional parcels containing Lan			Supplement A (check if	applicable)	
Check one:	e Landowner is e Landowner is	s the sole owne s one of multiple	r of the properties e owners of the pro	identified here	ein. fied herein.
In the event that the Landow within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permittee The Landowner has no other notify the Permittee immediator application or any part of incorrect.	est date of bioser or transferee of the property of the sale with a greements ately if condition	olids application of the applicab transfer; and thin two weeks for land applications change such	n, the Landowner sele public access and following property attention on the fields in that the fields are	shall: nd crop mana transfer. dentified here e no longer av	gement restrictions no in. The Landowner will railable to the Permittee
TAYEH FERGUSUN	bove and in Exitified above, but pliance with restrictions of treatment restrictions.	xhibit A. The Lefore, during or egulatory required by the siduals For the sidual For the	andowner also gra after land applica	ints permission ation of permitt to such appli	n for DEQ staff to conduct ed residuals for the cation. industrial sludges
Landowner - Printed Name, Title		ignature ()		Mailing A	ddress Just 3
Permittee: 10-10-11-12-15-16-16-16-16-16-16-16-16-16-16-16-16-16-	Permit Regulation	on and in am oun	ts not to exceed the	rates identified	he Landowner's land in the I in the nutrient management If the Code of Virginia.
The Permittee agrees to notify specifically prior to any particular	the Landowner of ar application to	or the Landowne the Landowner's	r's designee of the p s land. Notice shall i	proposed sched include the sou	ule for land application and rce of residuals to be applied.
☐ I reviewed the document(s) a document(s) available to DEQ f	assigning signate or review upon	ory authority to the request. (Do not o	ne person signing for check this box if the lar	ndowner signs thi	ove. I will make a copy of this is agreement) Countree Ad
	wson Va	igh Buch	Stu	- V	rotte NC.2017
Permittee – Authorized Represen Printed Name	tative Sig	<b>Jo</b> ature		Mailing A	ddress

Page 1 of 2

Rev 9/14/2012

#### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Bio-Nomic Services County or City: Bedford County

Landowner: Faye A. Ferguson

#### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

#### 2. Public Access

 a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.

b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols:

c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

#### 3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

#### 4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
  residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
  nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
  Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature Rev 9/14/2012 16621 <u>Al</u> Date

Page 2 of 2

Search ·	Details Map		Contact   GIS Page Log On
Printer-Friendly  Tax Map #  146 8 6  Link to Real Estate Look	Link 146 8 6 sup/Skelch	Parcel Number(RPC). 14605904	<u>View In Map</u> ₩Address
Parcel Information	Valuation Improvements	Ownership History	
General Inform	nation		
Owner: Additional Own Owner Address		YE A Legal Acreage: PCDesc: Legal Description: Document Number:	10.6100 2 Single Family Res(1-19.99ac) TRACT 6 100002161
Land Use			
Tax Year: 1997 1998 1999 2000 2001 2002 2003			
2004 2005 2006 2007 2008 2009 2010 2011			
2017 2012 2013 2014 2015 2016			

PART ROS6-1

### Legend

Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Parcels County
  - Parcels Town
  - Public School Boundary

PART 12086-1

FAIRFIELD RD FIDDLER CREEK RD PAULEY PL DICKERSON MILL RD

Feet

0 500 1000 1500 2000 1:18,056 / 1"=1 505 Feet Title: Ferguson, James and Faye 146 8 6 14605904

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Date: 3/15/2016

Search of	Details	Мар			Contact   GI	S Page	Log On
Printer-Friendly  Tax Map #  146 8 7  Link to Real Estate Loc	okup/Sketch	Link 146 8 7		Parcel Number(RPC). 14605905	Address	Viev/ In M	ap 📞
Parcel Information	l	Improvements	Ownership	History			
General Infor	mation						
Owner: Additional Own Owner Address	ner: s: 39°	RGUSON JAMES R & F 15 MONETA RD DFORD , VA 24523	AYE A	Legal Acreage: PCDesc: Legal Description: Document Number:	19.1400 2 Single Family Res(1-19.99ac) TRACT 7 100002161		
Land Use							
Tax Year: 1997	7						
1998							
1999	9						
2000							
2001							
2002 2003		••					
2004							
2005	5						
2006							
2007 2008							
2005							
2010							
2011							
2012							
2013							
2014 2015							
2016							

prict 6086-1

### Legend

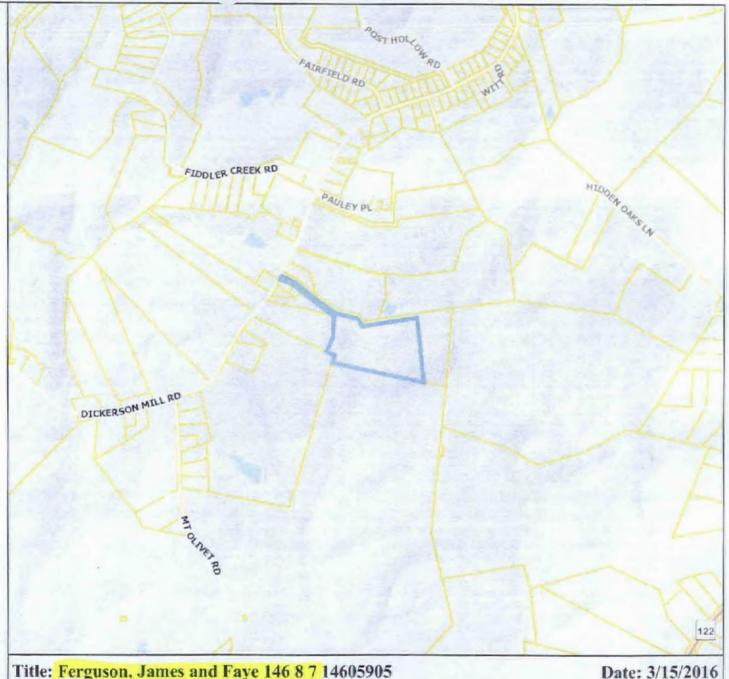
Highway

- Blue Ridge Parkway
- **US Primary**
- Virginia Primary Roads
- Parcels County
  - Parcels Town
  - Public School Boundary

PART ROSG-

Feet

500 1000 1500 2000 1:18.056 / 1"=1.505 Feet



Title: Ferguson, James and Faye 146 8 7 14605905

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search :	Details Map			Contact   GIS Page Log On
Printer-Friendly  Tax Map #  145 A 50  Link to Real Estate Loc	Link 145 A 50 skup/Sketch		Parcei Number(RPC). 14505100	View in Map <b>(Address</b> 3420 DICKERSON MILL ROAD
Parcel Information	Valuation Improveme	ents Owners	hip History	
General Infor	mation			
Owner: Additional Own Owner Address			Legal Acreage: PCDesc: Legal Description: Document Number:	61.7200 5 Agricultural/UndevI(20-99ac) HERITAGE HILLS LT 8 PB 45/20 120008132
Land Use  Tax Year: 1991 1998 2000 2001 2002 2003 2004 2008 2008 2010 2011	3 9 0 1 2 3 4 5 9			
2012 2013 2014 2015 2016	3 4 5			

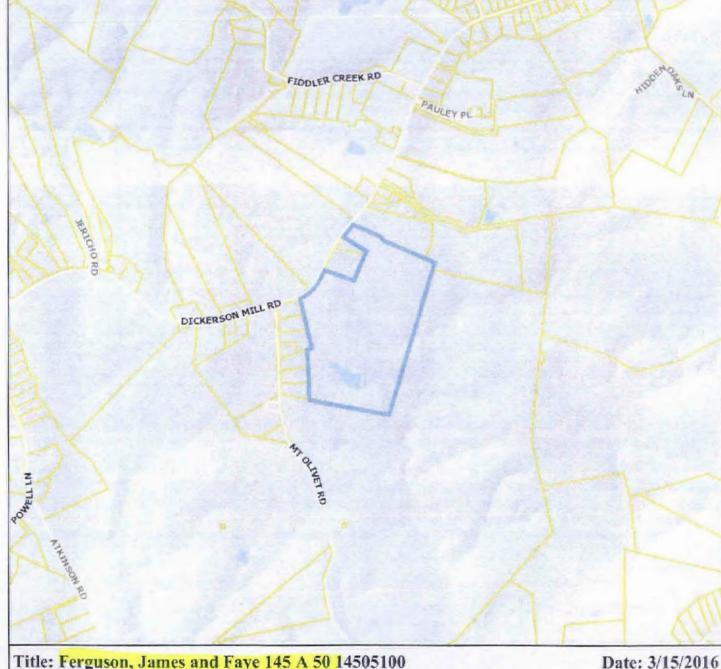
P086-2 PAR 2086-3

## Legend

Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Parcels County
- Parcels Town
- Public School Boundary

ROSG-Z PART ROSG-3



Feet

500 1000 1500 2000 1:18.056 / 1"=1.505 Feet

Title: Ferguson, James and Faye 145 A 50 14505100

DISCLAIMER. This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search	Details	Мар		Contact   GIS Page Log On
Printer-Friendly  Tax Map #  145 A 54  Link to Real Estate Loo	kup/Sketah	Link 145 A 54	Parcel Number(RPC). 90506351	<u>View In Map</u> <b>√∛</b> Address
Parcel Information	ı	ion Improvements Own	nership History	
General Inform	mation			
Owner: Additional Own Owner Address		FERGUSON JAMES R & FAYE A 3915 MONETA RD BEDFORD , VA 24523	Legal Acreage: PCDesc: Legal Description: Document Number:	2.9400 2 Single Family Res(1-19.99ac) HERITAGE HILLS LOT 7 PB 45/20 120008132
Tax Year: 2008 2010 2011 2012 2013 2014 2018	0 1 2 3 4 5			

PARET 12086-2

## Legend

E911 Address Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
  - Public School Boundary

PART ROSCE-2

DICKERSON MILL RD

Feet

0 100 200 300 400 1:4.514 / 1"=376 Feet Title: Ferguson, James and Faye 145 A 54 90506351

Date: 3/15/2016

DISCLAIMER. This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search .	Details Map		Contact   GIS Page Log On
APrinter-Friendly Tax Map # 145 A 51 Link to Real Estate Loc	Link 145 A 51 ikup/Sketch	Parcel Numbe 14505200	<u>View In Map</u> ❖
Parcel Information  General Information		nts Ownership History	
Owner: Additional Own Owner Address	FERGUSON JAMES	PCDesc: Legal Descrip	2 Single Family Res(1-19.99ac) tion: HERITAGE HILLS LOT 4 PB 45/20
Land Use			•
Tax Year: 1998 1998 2000 2007 2008 2008 2008 2010 2011 2011 2012 2014 2015 2016	3		

PART R086-3

### Legend

E911 Address Highway

- Blue Ridge Parkway
- **US Primary**
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART ROSCE-3

Feet

50 100 150 200 1:2,257 / 1"=188 Feet



Title: Ferguson, James and Faye 145 A 51 14505200

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search \$\tilde{\	Details	Мар		Contact   GIS Page Log On
Printer-Frieudly  Tax Map #  145 A 51A  Link to Real Estate Lo	okup/Sketch	Link 145 A 51A	Parcel Number(RPC). 90506354	View In Map
Parcel Information	ı	tion Improvements Own	nership History	
Owner: Additional Ow Owner Addres	ner:	FERGUSON JAMES R & FAYE A 3915 MONETA RD BEDFORD , VA 24523		120008133
Land Use				
Tax Year: 200 201 201 201 201 201 201 201	10 11 12 13 14 15			

PART ROSLES

### Legend

E911 Address Highway

- Blue Ridge Parkway
- **US Primary**
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART ROSCE-3

Feet

50 100 150 200 1:2.257 / 1"=188 Feet



Title: Ferguson, James and Faye 145 A 51A 90506354

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search (1), 10	Details	Мар		Contact   GIS Page Log On
Tax Map # 145 A 51B Link to Real Estate Loc	okup/Skeich	Link 145 A 51B	Parcel Number(RPC). 90506355	<u>View In Map</u> Address
Parcel Information	Valuat	tion Improvements Owner	ship History	
General Infor	mation			
Owner: Additional Own Owner Addres:  Land Use	ner: s:	FERGUSON JAMES R & FAYE A 3915 MONETA RD BEDFORD , VA 24523	Legal Acreage: PCDesc: Legal Description: Document Number:	1.5000 2 Single Family Res(1-19.99ac) HERITAGE HILLS LOT 2 PB 45/20 120008132
Tax Year: 200 201 201 201 201 201 201 201	0 1 2 3 <b>4</b> 5			

PART R086-3

### Legend

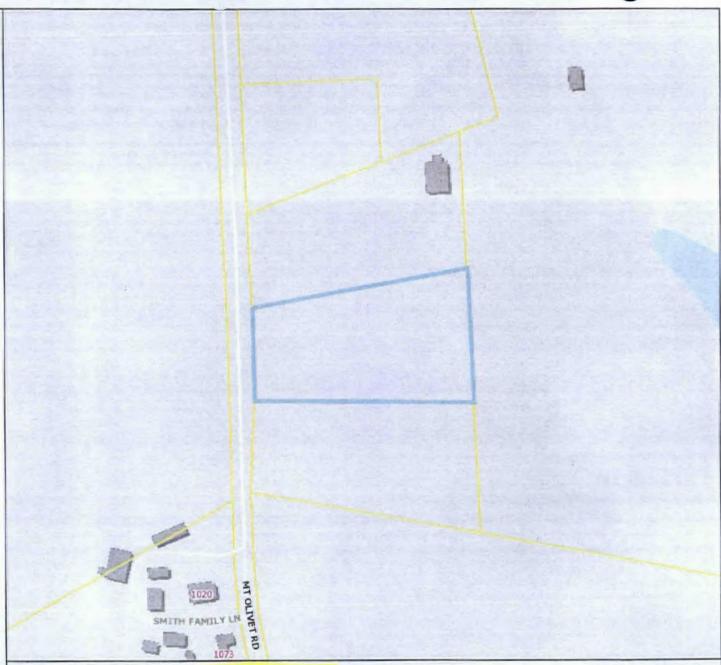
E911 Address Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART ROSG-3

Feet

0 50 100 150 200 1:2.257 / 1"=188 Feet



Date: 3/15/2016

Title: Ferguson, James and Faye 145 A 51B 90506355

DISCLAIMER. This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search Results	Details	Мар		Contact   GIS Page Log On
친 <u>Printer-Friendly</u> <b>Tax Map #</b> 145 A 51C <u>Link to Real Estate Lor</u>	okup/Sketch	Link 145 A 51C	Parcel Number(RPC). 90506356	<u>View In Map</u> <b>ऄ</b> Address
Parcel Information	1	tion Improvements Owners	ship History	
General Infor	mation			
Owner: Additional Own Owner Addres	ner:	FERGUSON JAMES R & FAYE A 3915 MONETA RD BEDFORD , VA 24523	Legal Acreage: PCDesc: Legal Description: Document Number:	1.5000 2 Single Family Res(1-19.99ac) HERITAGE HILLS LOT 1 PB 45/20 120008132
Land Use				
Tax Year: 200	9			
201				
201	1			
201				
201 201	_			
201				
201				

PART POSU-3

### Legend

E911 Address Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART ROSLE-3

SMITH FAMILY LN

Date: 3/15/2016

Feet

0 50 100 150 200 1:2,257 / 1"=188 Feet Title: Ferguson, James and Faye 145 A 51C 90506356

DISCLAIMER. This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Search Results	Details	Мар		Contact   GIS Pag	e Log On
Printer-Friendly  Tax Map #  145 A 52  Link to Real Estate Loo	okup/Sketch	<b>Link</b> 145 A 52	Parcel Number(RPC). 14505300	<u>View</u> Address	In Map <mark></mark> €
Parcel Information	ı	tion Improvements Own	ership History		
Owner: Additional Own Owner Addres	ner:	FERGUSON JAMES R & FAYE A 3915 MONETA RD- BEDFORD , VA 24523	Legal Acreage: PCDesc: Legal Description: Document Number:	1.0000 2 Single Family Res(1-19.99ac) DICKERSON MILL RD 040001858	
Land Use				•	
Tax Year: 201 201 201 201 201 201	3 4 5				

PART ROSG-3

### Legend

E911 Address

Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART ROSCE-3

Title: Ferguson, James and Faye 145 A 52 14505300

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Date: 3/15/2016

Feet

0 50 100 150 200 1:2.257 / 1"=188 Feet

Search Koo,uft	Details Map		Contact   GIS Page Log On
Tax Map #  145 A 53  Link to Real Estate Looku	Link 145 A 53	Parcel Number(RPC). 90506352	View in Map
Parcel Information		wnership History	
General Informa	tion		<del></del>
Owner: Additional Owner:	FERGUSON JAMES R & FAY	E A Legal Acreage: PCDesc:	1.5000 2 Single Family Res(1-19.99ac)
Owner Address:	3915 MONETA RD BEDFORD , VA 24523	Legal Description: Document Number:	HERITAGE HILLS LOT 6 PB 45/20 120008132
Land Use			
Tax Year: 2009	•		
2010			
2011			
2012 2013			
2014			
2015			
2016	•		

PART ROSLE-3

### Legend

E911 Address

Highway

Blue Ridge Parkway

**US Primary** 

Virginia Primary Roads

Driveway

Parcels - County

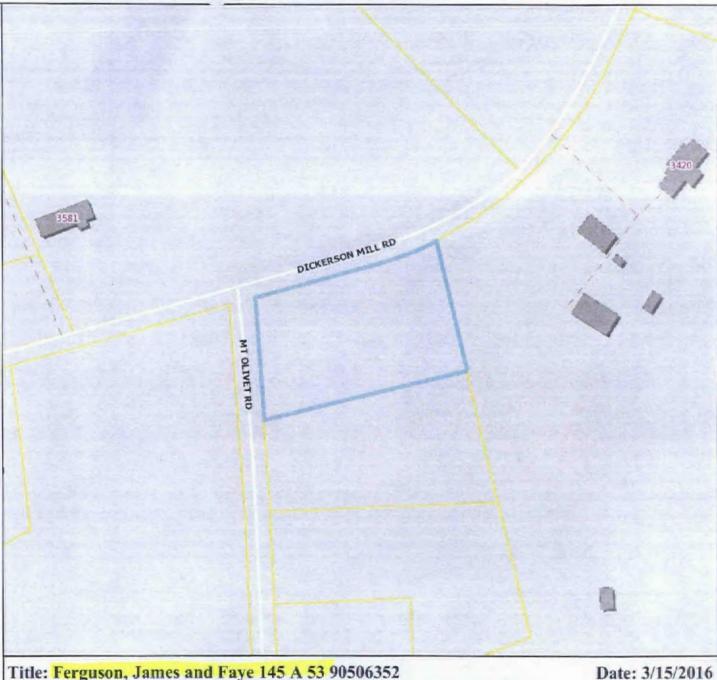
Parcels - Town

Public School Boundary

PART ROSLE-3

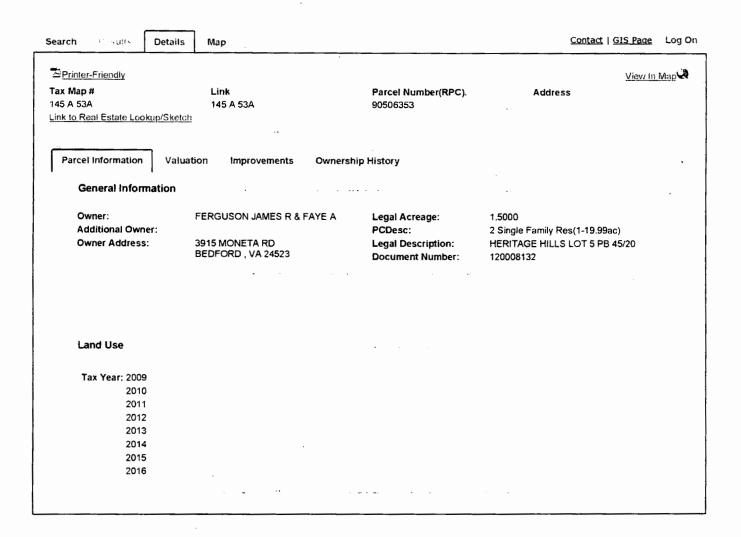
50 100 150 200 1:2.257 / 1"=188 Feet

Feet



Title: Ferguson, James and Faye 145 A 53 90506352

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.



PART ROSU-3

### Legend

E911 Address

Highway

- Blue Ridge Parkway

US Primary

 Virginia Primary Roads

Driveway

Parcels - County

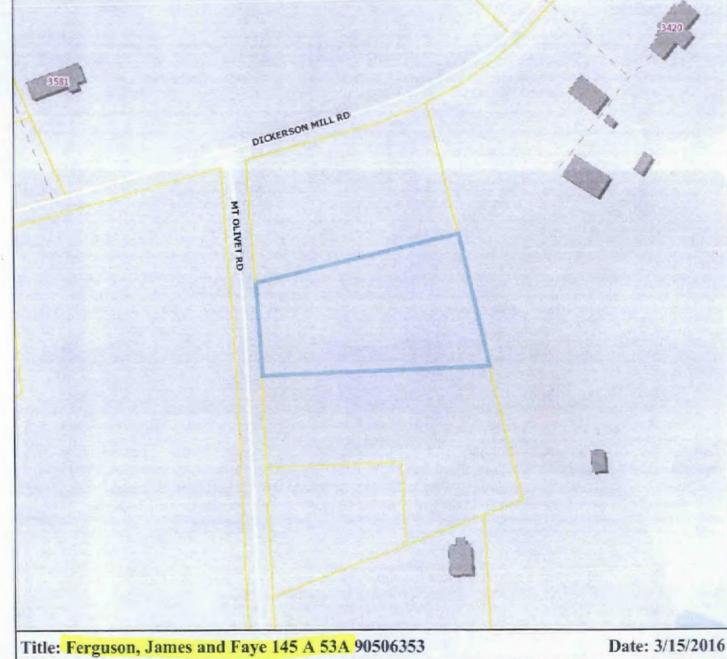
Parcels - Town

Public School Boundary

PART KOSLEZ

Feet 50 100 150 200

1:2.257 / 1"=188 Feet



DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Contact | GIS Page Log On Мар Desuits Search Results. View In Map 즈Printer-Friendly Tax Map # Link Parcel Number(RPC). Address 164 1 14 164 1 14 16409700 Link to Real Estate Lookup/Sketch Partial Infoneration Valuation Improvements Ownership History **General Information** Owner: FERGUSON JAMES R & FAYE A Legal Acreage: 28.7500 Additional Owner: PCDesc: 5 Agricultural/Undevl(20-99ac) Owner Address: 3915 MONETA RD Legal Description: BUNKER HILL PT LT 14 BEDFORD, VA 24523 100008486 **Document Number:** Land Use Tax Year: 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

R086-10

### Legend

Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary
   Roads
- Parcels County
- Parcels Town
- Public School Boundary

RO86-10

Feet

0 200 400 600 800 1:9.028 / 1"=752 Feet



Date: 7/21/2016

Title: Ferguson, James and Faye 164 1 14 16409700

DISCLAIMER. This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

## VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION

	FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS					
	PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS					
,	here as "Landowner", and a remains in effect until it is the Landowner in the even individual parcels identified	Rio-Nomic Services, reminated in writing by either tof a sale of one or more pare	eferred to here as the "Perparty or, with respect to to to cels, until ownership of all those parcels for which over	hose parcels that are retained by I parcels changes. If ownership of wnership has changed will no		
	Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of the real propert or reclamation sites identified	y located in Bed 1 and id	Virginia, which includes entified on the tax map(s)		
	Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges					
	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID		
	145 A 40	14504200				
	146157	14606100				
	164 4 1	16400000				
	164 A 710	90503413				
į	164 A 71E	90503414				
	Additional parcels containing Land	d Application Sites are identified on S	Supplement A (check If applical	ble)		
	In the event that the Landov within 38 months of the late:  1. Notify the purchaser later than the date of 2. Notify the Permittee  The Landowner has no other notify the Permittee immediate.	st date of biosolids application or transferee of the applicate of the property transfer; and of the sale within two weeks r agreements for land applica	art of the property to which, the Landowner shall: ole public access and cropellowing property transfation on the fields identified that the fields are no lo	ch biosolids have been applied p management restrictions no er. ed herein. The Landowner will inger available to the Permittee		
R	agricultural sites identified al inspections on the land iden purpose of determining com	tified above, before, during or pliance with regulatory requir treatment residuals	andowner also grants per after land application of ements applicable to such that the processing waste and the processing	rmission for DEQ staff to conduct permitted residuals for the		
	Permittee:  Sio-Nom: Servies the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in am ounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.					
	The Permittee agrees to notify the specifically prior to any particular	he Landowner or the Landowne or application to the Landowner's	r's designee of the propose s land. Notice shall include	d schedule for land application and the source of residuals to be applied.		
٠,	21 reviewed the document(s) a document(s) available to DEQ for	ssigning signatory authority to the review upon request. (Do not o	should thin how if the landowser	wner above. I will make a copy of this r signs this agreement)  Showtree Ref		
Va	Pelmittee – Authorized Represent	Son Youd Hard	enefor U.S. Chi	en lotte NC 28217 Mailing Address		

Page 1 of 2

Rev 9/14/2012

Permittee: Bio-Nonic Bervices Country or City: Bectord Country

Landowner: Fergason

Fergason

#### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

 Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

#### 2. Public Access

 Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.

b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;

c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

#### 3. Crop Restrictions:

a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.

b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,

c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.

d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;

e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

#### 4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;
- 5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Rev 9/14/2012

Date

Page 2 of 2

## VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

### PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

	A. This land application agreement is made on 12/20/15 between frequent referred to here as "Landowner", and Blo April Services, referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.  Landowner:  The Landowner is the owner of record of the real property located in Bedard County, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.					
	Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial					
	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID		
	143 A 40	14504200				
	146 A57	14606100				
	164 4 1	16400000				
	164 4 710	90503413				
	164 A 71E	90503414	<del> </del>			
1	☐ Additional parcels containing Lan		Supplement A (check if applic	able)		
	Check one:  The Landowner is the sole owner of the properties identified herein.  The Landowner is one of multiple owners of the properties identified herein.  In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:  1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and  2. Notify the Permittee of the sale within two weeks following property transfer.					
	The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.					
	inspections on the land iden purpose of determining com	bove and in Exhibit A. The tified above, before, during opliance with regulatory requenties For treatment residuals	Landowner also grants por after land application of	ermission for DEQ staff to conduct of permitted residuals for the		
* - *	Sammu C Ferry Landowner - Printed Name, Title	Signature (	Jugus 1/3	Mailing Address Vo 24523		
	Permittee:    Cho-Nowle Services   the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in am ounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.					
	The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.					
	I reviewed the document(s) a document(s) available to DEQ fo	ssigning signatory authority to or review upon request. (Do no	chack this hav if the landown	owner above. I will make a copy of this er signs this agreement)  SIB Rought Rel		
Va	y buck "Steve	Now Youd #	tuent for US.	Charlotte, N. 28217		
	Pérmittee – Authorized Represent Printed Name	ative Signature	1	Mailing Address		
	Rev 9/14/2012			Page 1 of 2		

Permittee: Bio-nomic Services	County or City: Bestord County
Landowner: Ferguson Farms, LLC	

#### Landowner Site Management Requirements:

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I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

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- 6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Date 12-20-15

Rev 9/14/2012

Page 2 of 2

Contact | GIS Page Log On Search Details Map Results 型Printer-Friendly View In Map Tax Map # Link Parcel Number(RPC). **Address** 145 A 40 145 A 40 14504200 Link to Real Estate Lookup/Sketch Parcel Information Valuation | Improvements Ownership History **General Information** Owner: FERGUSON FARMS LLC Legal Acreage: 256.3600 Additional Owner: PCDesc: 6 Agricultural/Undevl(100+ac) Owner Address: 3915 MONETA ROAD Legal Description: NR BUNKER HILL BEDFORD, VA 24523 **Document Number:** 030004841 Land Use Tax Year: 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

> ROSLE- 4 ROSLE- LE ROSLE- 7 ROSLE- 8 ROSLE- 9

### Legend

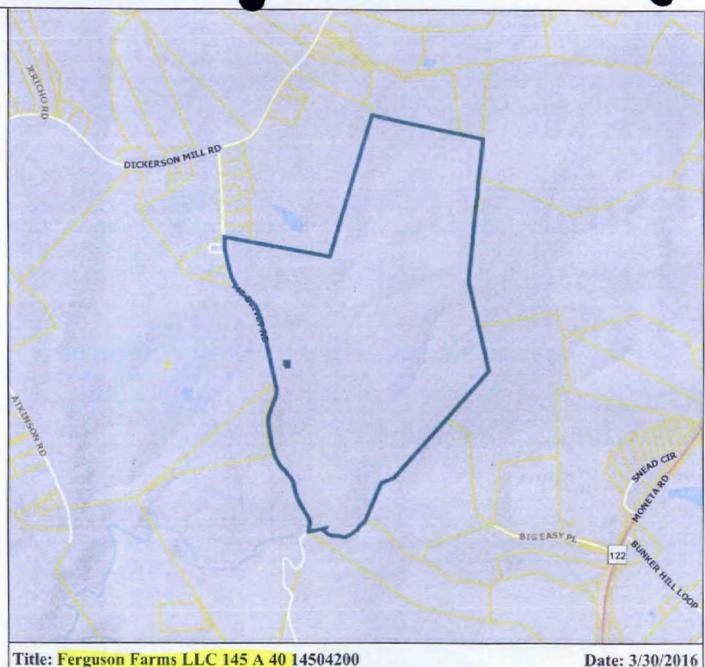
Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Parcels County
  - Parcels Town

ROB6-4 1086-6 Ro86-7 R086-8 RO 81e-9

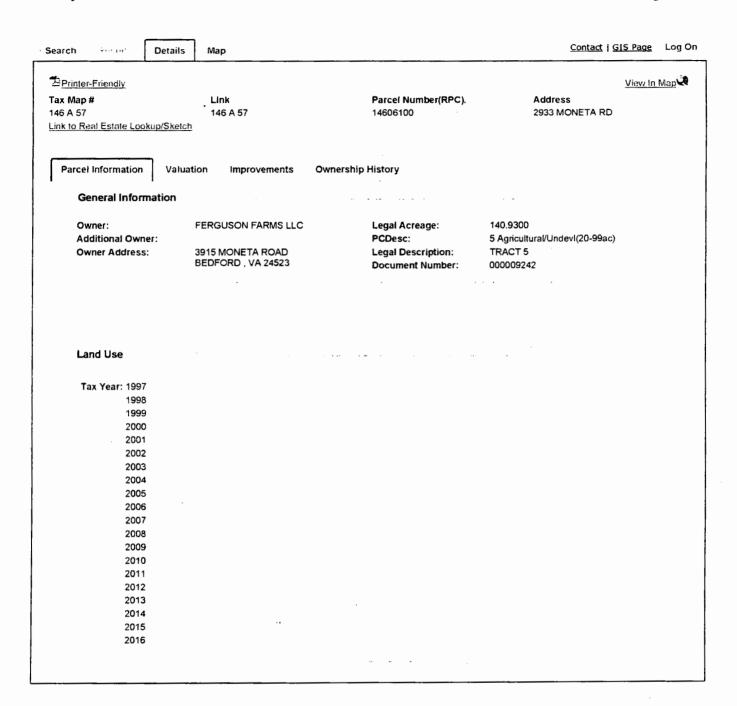
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500 1000 1500 2000 1:18.056 / 1"=1.505 Feet



## Title: Ferguson Farms LLC 145 A 40 14504200

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.



PART R086-5

## Bedford, VA

## Legend

Highway

- Blue Ridge Parkway

US Primary

Virginia Primary

Roads

Parcels - County

Parcels - Town

Public School Boundary

PART POSG-5

OAKWOOD KNOLLS DR KNOLLWOOD DR BIG EASY AL Date: 3/15/2016

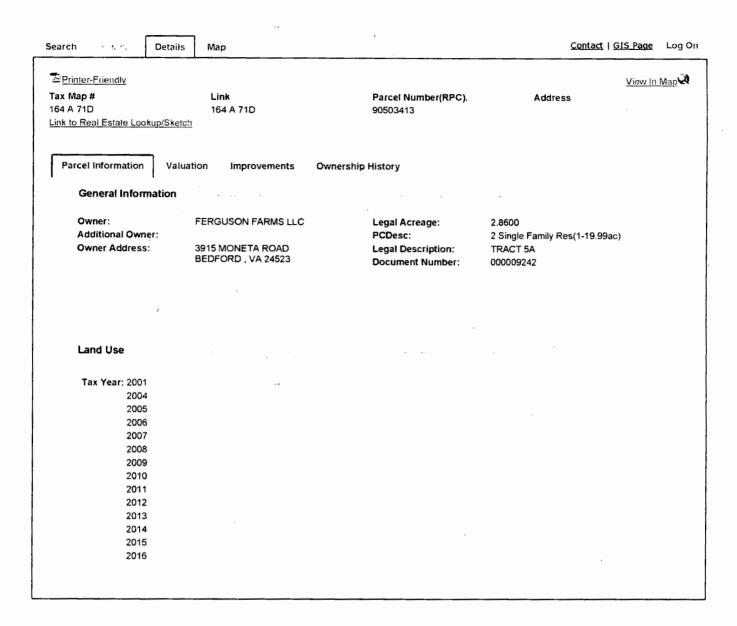
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Title: Ferguson Farms LLC 145 A 57 14606100

PAULEY PL

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.



PART ROS6-5

## Bedford, VA

### Legend

E911 Address Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART ROSU-5

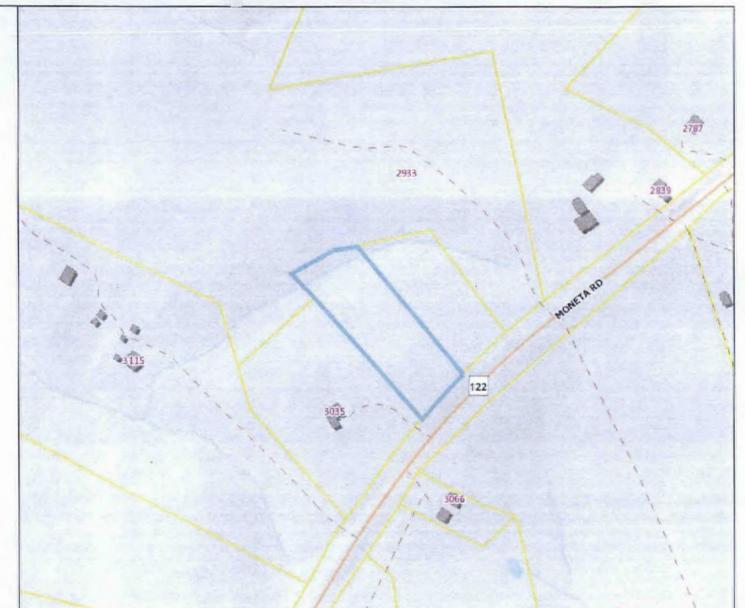
Title: Ferguson Farms LLC 164 A 71D 90503413

DISCLAIMER: This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The Information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

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Date: 3/15/2016

Parcel Information	arch 6 mm	Details	Мар			Contact   GI	<u> </u>	
## A 71E	Printer-Friendly						View In	Map
Parcel Information   Valuation   Improvements   Ownership History	іх Мар#		Link		Parcel Number(RPC).	Address		
Parcel Information Valuation Improvements Ownership History  General Information  Owner: FERGUSON FARMS LLC Additional Owner: Owner Address: 3915 MONETA ROAD BEDFORD. VA 24523 Document Number: 000009242  Land Use  Tax Year: 2001  2002  2003  2004  2006  2007  2008  2009  2010  2011  2012  2013  2014  2015	64 A 71E		164 A 71E		90503414			
Ceneral Information   Country   FERGUSON FARMS LLC   Legal Acreage: 2.2800   PCDesc: 2 Single Family Res(1-19.99ac)   Country   Countr	nk to Real Estate Looki	up/Sketch						
Owner:         FERGUSON FARMS LLC         Legal Acreage:         2.2800           Additional Owner:         3915 MONETA ROAD BEDFORD, VA 24523         Legal Description:         TRACT 5B Document Number:           Document Number:         000009242    Tax Year: 2001  2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	Parcel Information	Valuati	on Improvements	Ownership	History			
Additional Owner: Owner Address:  3915 MONETA ROAD BEDFORD , VA 24523  Legal Description: TRACT 5B 000009242  Land Use  Tax Year: 2001 2002 2003 2004 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	General Inform	ation						
Additional Owner: Owner Address: 3915 MONETA ROAD BEDFORD , VA 24523  Legal Description: TRACT 58 000009242  Land Use  Tax Year: 2001 2002 2003 2004 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	Owner:		FERGUSON FARMS LLC		Legal Acreage:	2.2800		
EEDFORD , VA 24523  Document Number: 000009242  Land Use  Tax Year: 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	Additional Owne					2 Single Family Res(1-19.99ac)		
Land Use  Tax Year: 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	Owner Address:							
Tax Year: 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015					-			
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2011 2012 2013 2014 2015	2009							
2012 2013 2014 2015	2010							
2013 2014 2015								
2014 2015								
2015								
2016								
	2016							

PART ROSG-5

## Bedford, VA

## Legend

E911 Address Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Driveway
- Parcels County
- Parcels Town
- Public School Boundary

PART POSLE-5

Title: Ferguson Farms LLC 164 A 71E 90503414

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122 Date: 3/15/2016

Feet

100 200 300 400 1:4,514 / 1"=376 Feet

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Printer-Friendly  ax Map # 64 A 1 ink to Real Estate Lookup/Skel	<b>Link</b> 164 A 1 tch	Parcel Number(RPC). 16400000	Address	View In Map 🔌
Parcel Information Val	uation Improvements Own	ership History		
General Information	record factors to their cut do (by smart) (	His commercial was a second of the commercial and the second of the commercial and the second of the commercial and the commerc		
Owner: Additional Owner: Owner Address:	FERGUSON FARMS LLC 3915 MONETA ROAD BEDFORD , VA 24523	Legal Acreage: PCDesc: Legal Description: Document Number:	118.1400 6 Agricultural/UndevI(100+ac) NR MT OLIVET CH 030004841	
	•			
Land Use	• • • • • • • • • • • • • • • • • • •		• •	
Tax Year: 1997 1998				
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	- · · · -	- · · · · · · · · · · · · · · · · · · ·		

1086-11 1086-12 1086-13

## Bedford, VA

### Legend

Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Parcels County
- Parcels Town
- Public School Boundary

R084-13

Title: Ferguson Farms LLC 164 A 1 1640000

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ROSLE-11 12086-12

Feet

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Date: 3/15/2016

# VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

A. This land application ag here as "Landowner", and remains in effect until it is the Landowner in the ever individual parcels identified longer be authorized to re-	reement is made on 12/20 Bio-Nowl Services, terminated in writing by either at of a sale of one or more pa	petween J referred to here as the "party or, with respect to reels, until ownership of those parcels for which	o those parcels that are retained by all parcels changes. If ownership of ownership has changed will no
Landowner: The Landowner is the own the agricultural, silvicultural attached as Exhibit A.	er of record of the real proper Il or reclamation sites identifie	ty located in <u>Restard</u> d below in Table 1 and	Virginia, which includes identified on the tax map(s)
Table 1.: Parcels au	thorized to receive biosolids,	water treatment residua	ls or other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
11d1 A 2	110400100		
☐ Additional parcels containing Lar	nd Application Sites are identified on	Supplement A (check if applic	cable)
	e Landowner is the sole own		
	e Landowner is one of multip	• •	
within 38 months of the late  1. Notify the purchase later than the date of the purchase later than the date of the permittee.	est date of biosolids application or transferee of the application of the property transfer; and expense of the sale within two weeks	n, the Landowner shall: ole public access and cr following property trans	rop management restrictions no sfer.
notify the Permittee immedia	er agreements for land applicately if conditions change such this agreement becomes in	th that the fields are no	ified herein. The Landowner will longer available to the Permittee herein contained becomes
agricultural sites identified a inspections on the land iden purpose of determining com	tified above, before, during o pliance with regulatory requi	andowner also grants parts and application of the angle application of the applicable to some application appl	permission for DEQ staff to conduct of permitted residuals for the uch application.
		od processing waste	Other industrial sludges
Tyes No Yes	s 12/No	Yes ₽No	☐ Yes ☐ No
-Tall 1	Acres (	21/11/10/2	TEMURAN BOLL
Landowner - Printed Marne, Title	()(U/VE/) Signature	rigin - 31	Mailing Address (2007)
Permittee:	Olginature U	/	M74523
Bio-domic Bervices, the	Permit Regulation and in amour	nts not to exceed the rates	duals on the Landowner's land in the identified in the nutrient management 1-104.2 of the Code of Virginia.
The Permittee agrees to notify the specifically prior to any particular	he Landowner or the Landowner application to the Landowner	r's designee of the propos s land. Notice shall includ	sed schedule for land application and e the source of residuals to be applied.
eT reviewed the document(s) a document(s) available to DEQ for	ssigning signatory authority to to review upon request. (Do not	ne person signing for land check this box if the landown	516 Rountvel NO
uglen Buck Steven	or on Jonato A	transfor V.S.	Charlotte N.C. 28217
Printed Name	aute oignaufe	Į	maming r war out

Page 1 of 2

Permittee: Bio-Monic Bervices	County or City: Bestord County
Permittee: Bio-Nonic Bervices  Landowner: James Ferrison	

#### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

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Landowner's Signature

Rey 9/14/2012

Date

Page 2 of 2

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	attached as Exhibit A.	thorized to receive biosolids, v		PA CYS. C. W. M. C.
	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
	164 42	16400100		
	In the event that the Landowithin 38 months of the late 1. Notify the purchase	e Landowner is the sole owner e Landowner is one of multip wner sells or transfers all or part est date of biosolids applicatio	er of the properties identified owners of the properties art of the property to which in, the Landowner shall:	fied herein.
	The Landowner has no other notify the Permittee immedia	e of the sale within two weeks er agreements for land applica ately if conditions change suc f this agreement becomes inv	ation on the fields identifi h that the fields are no lo	ed herein. The Landowner will onger available to the Permittee
*	agricultural sites identified a inspections on the land iden purpose of determining com  Class B biosolids Water  Wes I No I Yes  J. J	tified above, before, during of a pliance with regulatory required residuals for treatment residuals for the No	andowner also grants per after land application of the second processing waste Yes 日刊	rmission for DEQ staff to conduct permitted residuals for the
	manner authorized by the VPA to plan prepared for each land app	Permit Regulation and in am our dication field by a person certifie	olids and/or industrial residunts not to exceed the rates in accordance with §10.1	uals on the Landowner's land in the dentified in the nutrient management -104,2 of the Code of Virginia.
	specifically prior to any particular reviewed the document(s) a	r application to the Landowner's ssigning signatory authority to the	s land. Notice shall include he person signing for lando	d schedule for land application and the source of residuals to be applied. wner above. I will make a copy of this
Va	document(s) available to DEQ for wghn'Buck'Sted	r review upon request. (Do not o Lew Som Some Defa	check this box if the landowner	signs this agreement)  16 Rownfrel Rol  Charlotte NC 28217
	Permittee – Authorized Representa Printed Name	ative Signature		Mailing Address
	Rev 9/14/2012			Page 1 of 2

Permittee: Bio-Romic Bervices	County or City:	Bedford	Country
Landowner: Samuel Fraguson			

### Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

#### 2. Public Access

- Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

#### 3. Crop Restrictions:

- Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

#### 4. Livestock Access Restrictions:

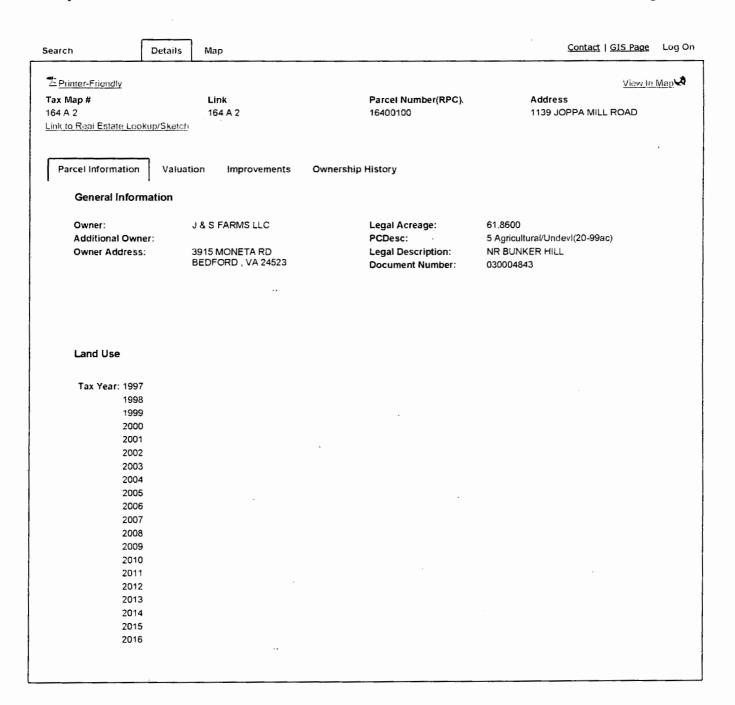
Following biosolids application to pasture or hayland sites:

- Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- Other animals shall be restricted from grazing for 30 days;
- Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial
  residuals applications such that the total crop needs for nutrients are not exceeded as identified in the
  nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of
  Virginia;
- Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

ZQ.	James Description (agree) Landowner's Signature	12-20-15
ν\	Landowner's Signature	Date

Rev 9/14/2012

Page 2 of 2



R086-14 R086-15

## Bedford, VA

## Legend

Highway

- Blue Ridge Parkway
- US Primary
- Virginia Primary Roads
- Parcels County
- Parcels Town
- Public School Boundary

R086-14 R086-14

SHEAD CIR BIGEASY PI MCDANIEL RD ATT OLIVET RD 10PPA MITCHELL LN OLD COUNTRY RD GOODMAN RD

Date: 3/15/2016

### Title: J & S Farms LLC 164 A 2 16400100

DISCLAIMER. This drawing is neither a legally recorded map nor a survey and is not intended to be used as such. The information displayed is a compilation of records, information, and data obtained from various sources, and Bedford County is not responsible for its accuracy or how current it may be.

Feet

0 500 1000 1500 2000 1:18,056 / 1"=1,505 Feet

#### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

#### Landowner Coordination Form

Davi 0/4 4/2042

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement - Biosolids and Industrial Residuals form with original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Bio-Novic Services
County or City: Bedford County

Please Print	(Signatures not required on this page
Tax Parcel ID(s)	<u>Landowner(s)</u>
146 8 6	Jamesh + Faye A. Ferguson
146 8 7	
145 A 50	P 1' 11 11
145 A 54	1' 1' 1'
145 A 51	(' '' 11 11
145 A 51 A	" " "
145 A 51B	" " " "
145 A 51C	" " " "
145 A 52	" " " "
145 A 53	" " " "
145 A 53A	<i>p p v</i>
164 1 14	" " "
146 A 57	Ferguson Farms, LLC
164 A 71 D	"
164 A 71 E	,,
164 A 1	,, (1
145 A 40	"
164 A Z	J&S Farms, LLC
-	
N. C.	

Dags / of /

#### Sammy Ferguson Farm

Bio-Nomic Services, Inc. is filing this application to apply approved (VA0025020) Class B biosolids to this designated farm land in Bedford County, Virginia.

The farm is located in the Bedford community on the east side of Mt. Olivet Road. All fields are located in a predominately agricultural areas. All streams, drainage features, rock outcrops, structures, dwellings, property lines, roadways and wells are designated and buffered as required. There are two public contact sites in the vicinity of the farm. See the attached buffer maps for more details. Biosolids are currently being used as crop nutrients on close by farms, and have been used on this farm by another biosolids contractor.

Mr. Ferguson operates his acreage as either hay production/pasture or small grain rotation. The small grain rotation is winter grain planting that is harvested as early season weed free mulch, and then followed with soybean or corn planting designated as livestock feedstock. The grass cover in the hayfields/ pastures is predominately fescue.

The current fescue hay fields are: RO 86-6, 86-12, 86-13 & 86-14.

The current fescue pastures are: RO 86-2, 86-3, 86-4, 86-5, 86-7, 86-8, 86-9, 86-10, 86-11 & 86-15.

The current small grain rotation field is: RO 86-1.

Nutrient Management Plans will be written by a certified plan writer to address the application of biosolids to the designated fields that will address the most recent planned use of the fields should any changes occur in agricultural practices.

#### bing maps

) Brownlee Ave SE, Roanoke, VA 24014 3) 3915 Moneta Rd, Bedford, VA 24523

44 min, 26.9 mi

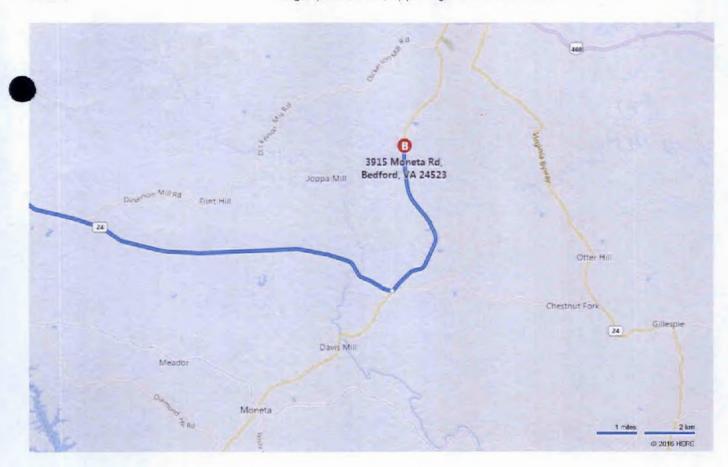
Light traffic (40 min without traffic) Via VA-24, VA-24 E

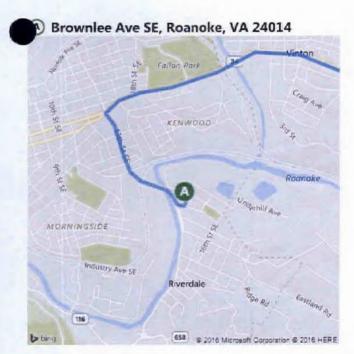
RO 86 Sammy Ferguson

A Brownlee Ave SE, Roanoke, VA 24014

1	1.	Depart Brownlee Ave SE toward Kindred St SE	161 ft
ГÞ	2.	Turn <b>right</b> onto <b>Kindred St SE</b>	479 ft
ŀ	3.	Turn <b>right</b> onto <b>Carlisle Ave SE</b> , and then immediately turn <b>right</b> onto <b>Bennington St SE</b>	0.8 mi
Г÷	4.	Turn <b>right</b> onto <b>VA-24</b> Pass Hess in 1.0 mi	2.2 mi
<u>↑</u> 1	5.	Keep left to stay on VA-24 E / Bypass Rd	0.4 mi
Ϋ́	6.	Turn <b>right</b> to stay on <b>VA-24 E</b> Pass Exxon in 4.4 mi	19.1 mi, 26 min
5	7.	Bear left onto VA-122 / Moneta Rd	4.3 mi
	8.	Arrive at <b>VA-122</b> The last intersection is Joppa Mill Rd  If you reach Big Easy PI, you've gone too far	

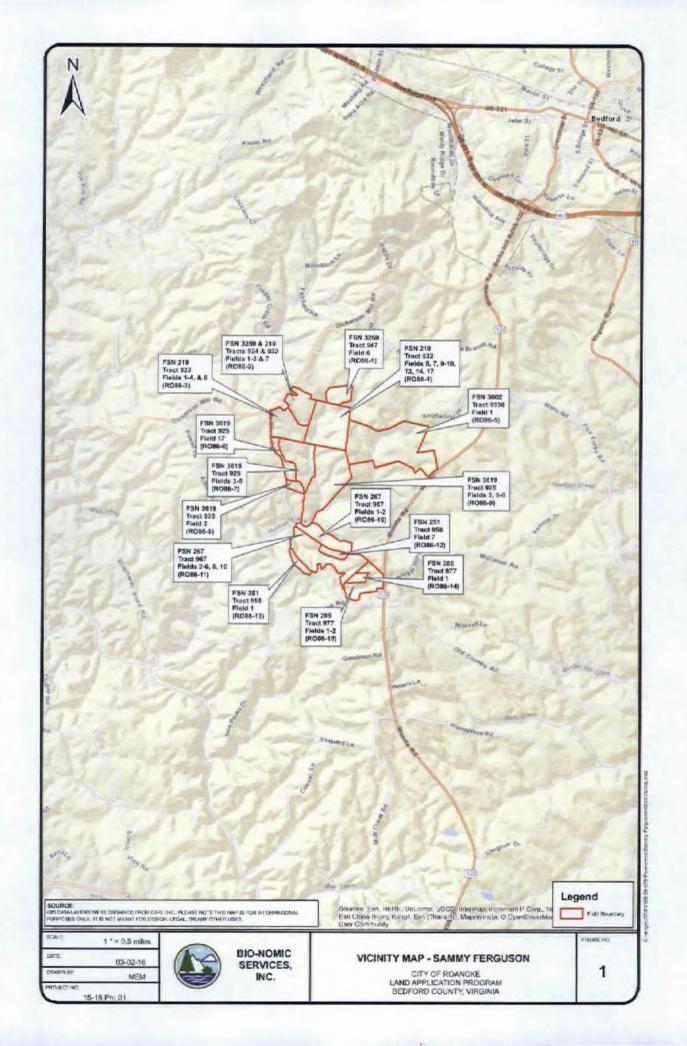
B 3915 Moneta Rd, Bedford, VA 24523

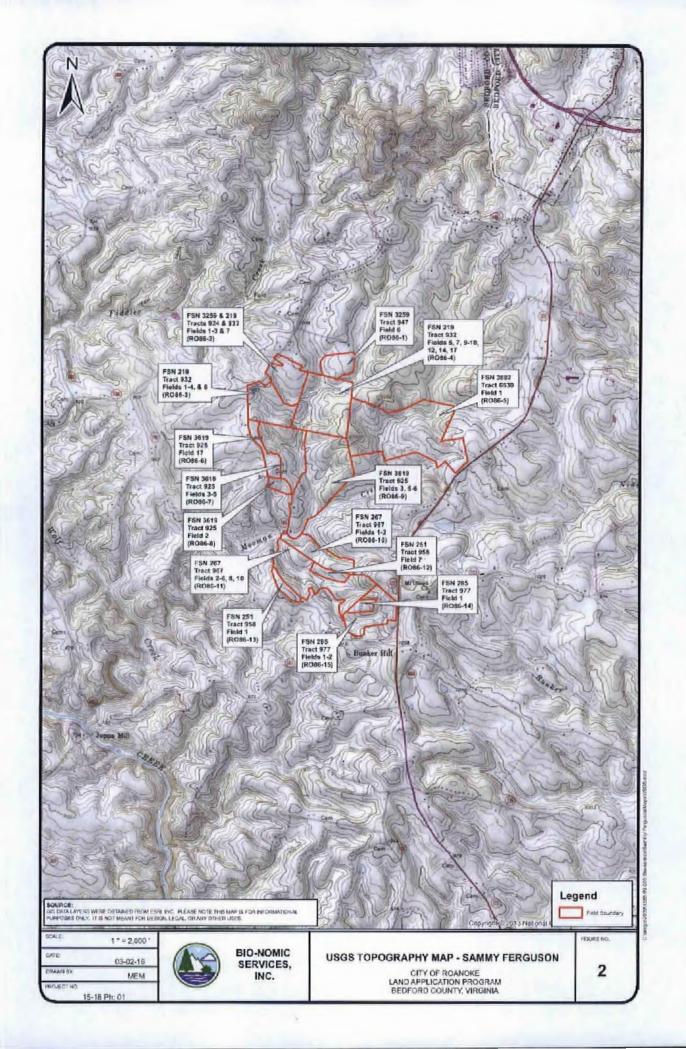




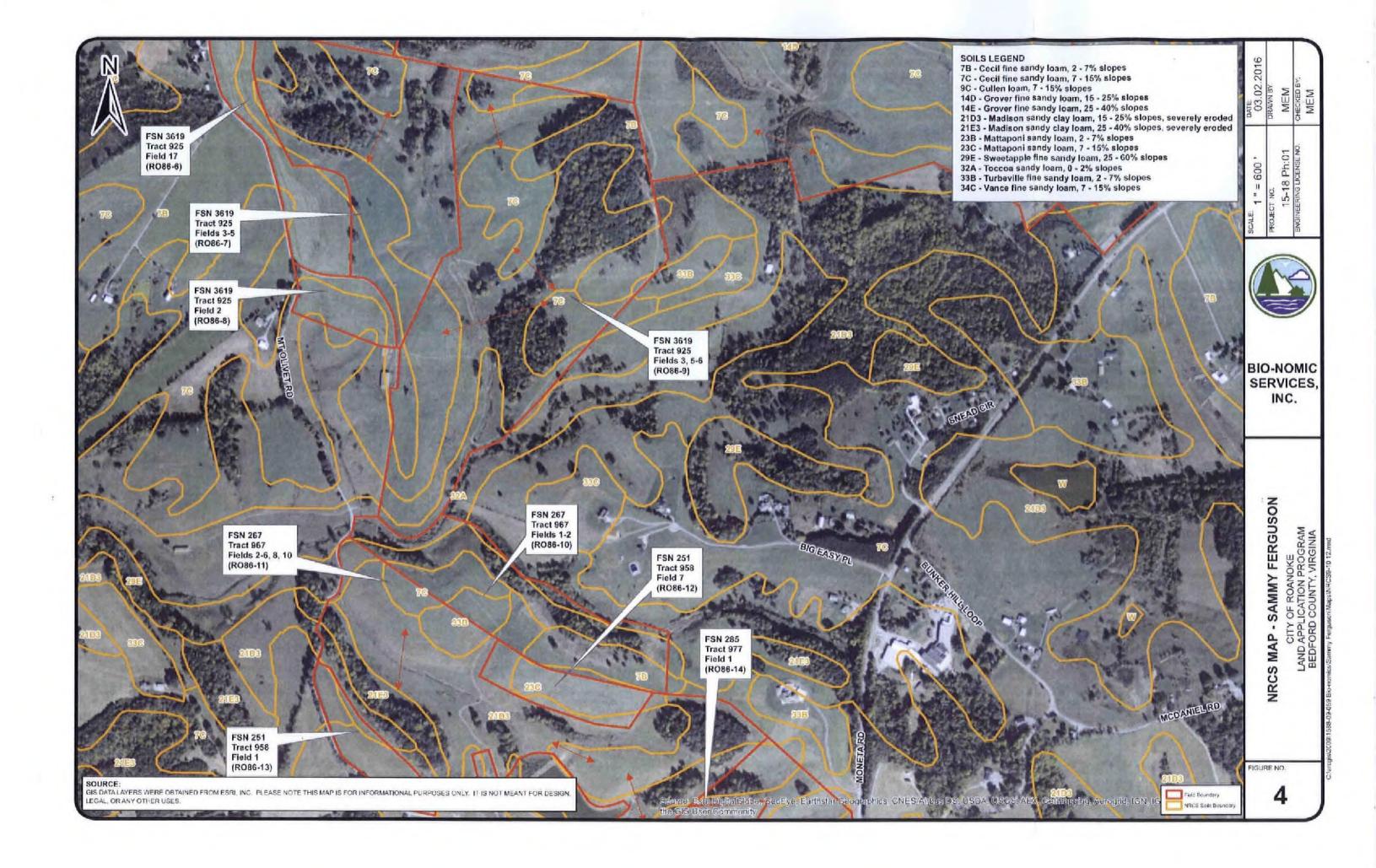


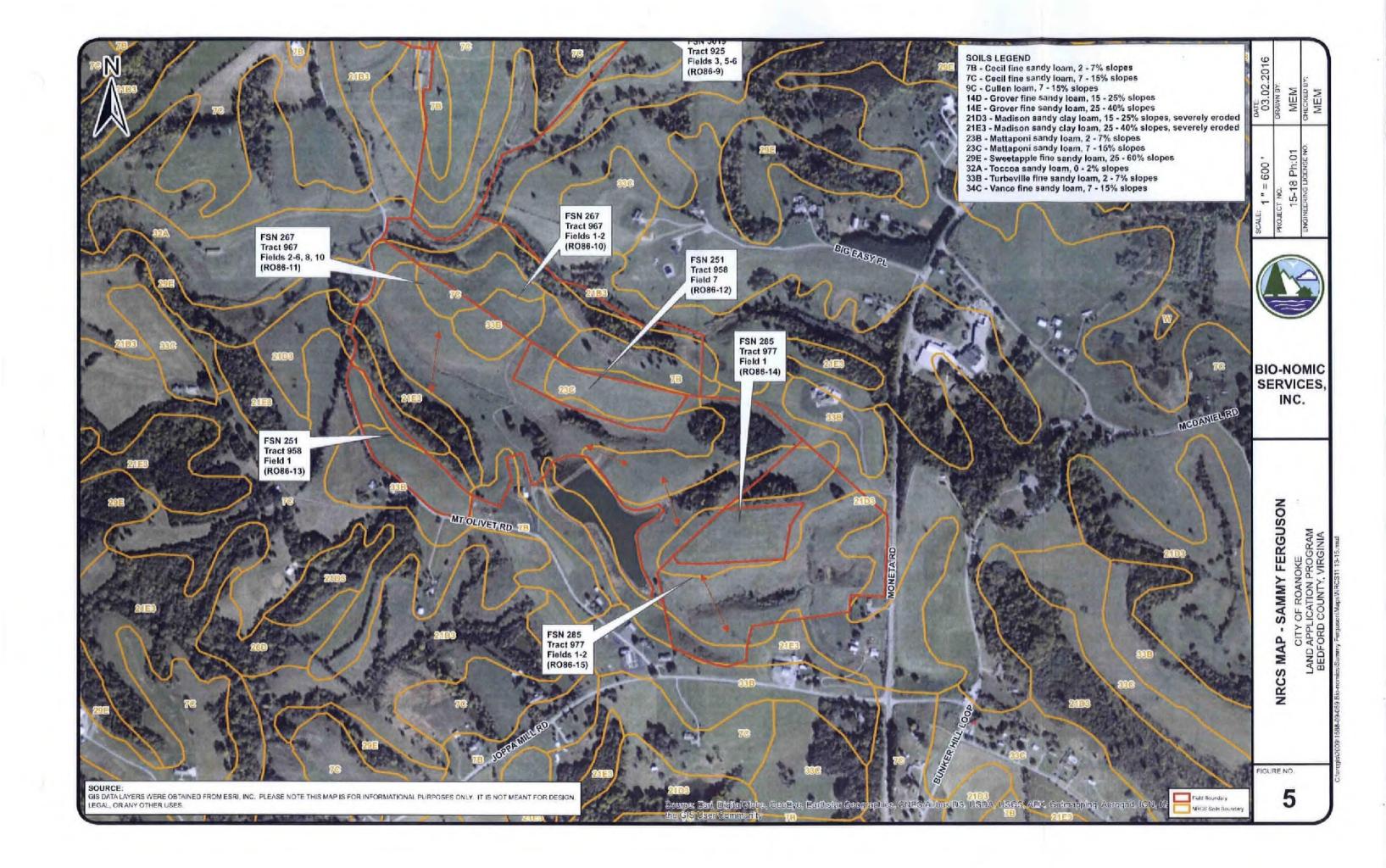
These directions are subject to the Microsoft® Service Agreement and are for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2016 HERE™.

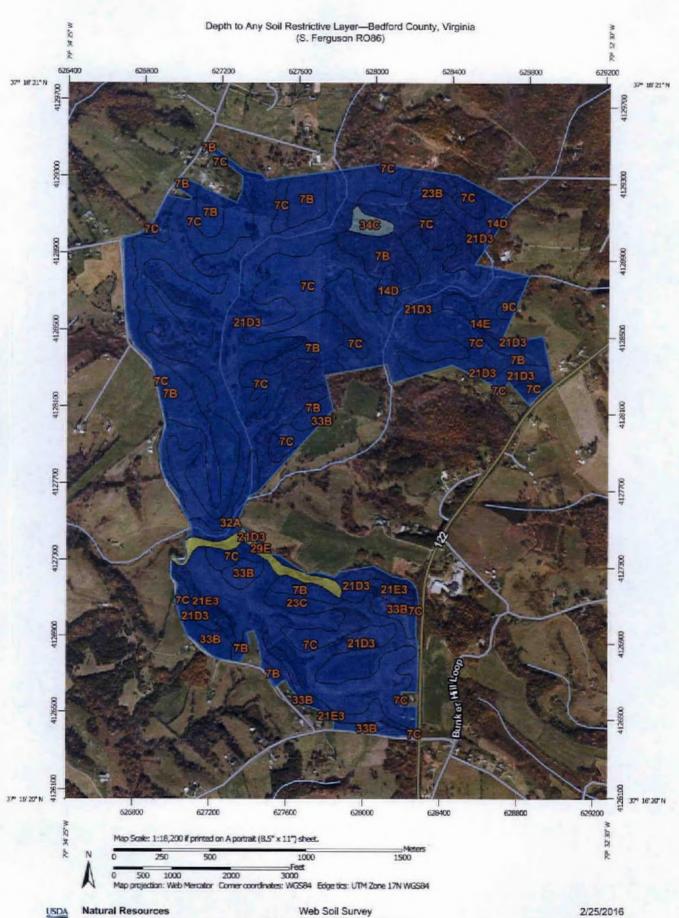












#### MAP LEGEND MAP INFORMATION Area of Interest (AOI) The soil surveys that comprise your AOI were mapped at 1:24,000. Not rated or not available Area of Interest (AOI) Please rely on the bar scale on each map sheet for map Water Features measurements. Soils Streams and Canals Soil Rating Polygons Transportation Source of Map: Natural Resources Conservation Service 0 - 25 Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov Rails +++ Coordinate System: Web Mercator (EPSG:3857) 25 - 50 Interstate Highways Maps from the Web Soil Survey are based on the Web Mercator 50 - 100 **US Routes** projection, which preserves direction and shape but distorts 100 - 150 distance and area. A projection that preserves area, such as the Major Roads Albers equal-area conic projection, should be used if more accurate 150 - 200 Local Roads calculations of distance or area are required. > 200 Background This product is generated from the USDA-NRCS certified data as of Aerial Photography the version date(s) listed below. Not rated or not available Soil Rating Lines Soil Survey Area: Bedford County, Virginia Survey Area Data: Version 11, Dec 11, 2013 0 - 25 Soil map units are labeled (as space allows) for map scales 1:50,000 25 - 50 50 - 100 Date(s) aerial images were photographed: Nov 8, 2010-Mar 17, 100 - 150 2011 150 - 200 The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background > 200 imagery displayed on these maps. As a result, some minor shifting Not rated or not available of map unit boundaries may be evident. Soil Rating Points 0 - 25 25 - 50 50 - 100 100 - 150 150 - 200 > 200

## **Depth to Any Soil Restrictive Layer**

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI		
7B	Cecil fine sandy loam, 2 to 7 percent slopes	>200	116.8	13.8%		
7C	Cecil fine sandy loam, 7 to 15 percent slopes	>200	250.7	29.6%		
9C	Cullen loam, 7 to 15 percent slopes	>200	2.5	0.3%		
14D	Grover fine sandy loam, 15 to 25 percent slopes	>200	5.3	0.6%		
14E	Grover fine sandy loam, 25 to 40 percent slopes	>200	7.1	0.8%		
Madison sandy clay loam, 15 to 25 percent slopes, severely eroded		>200 376.4		44.4%		
21E3	Madison sandy clay loam, 25 to 40 percent slopes, severely eroded	>200	22.0	2.6%		
23B	Mattaponi sandy loam, 2 to 7 percent slopes	>200	9.5	1.1%		
23C	Mattaponi sandy loam, 7 to 15 percent slopes	>200	6.9	0.8%		
29E	Sweetapple fine sandy loam, 25 to 60 percent slopes	99	11.9	1.4%		
32A	Toccoa sandy loam, 0 to 2 percent slopes	>200	9.7	1.1%		
33B	Turbeville fine sandy loam, 2 to 7 percent slopes		23.6	2.8%		
34C	Vance fine sandy loam, 7 to 15 percent slopes	102	5.4	0.6%		
Totals for Area of Inter	est		847.8	100.0%		

### **Description**

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to any type of restrictive layer that is described for each map unit. If more than one type of restrictive layer is described for an individual soil type, the depth to the shallowest one is presented. If no restrictive layer is described in a map unit, it is represented by the "> 200" depth class.

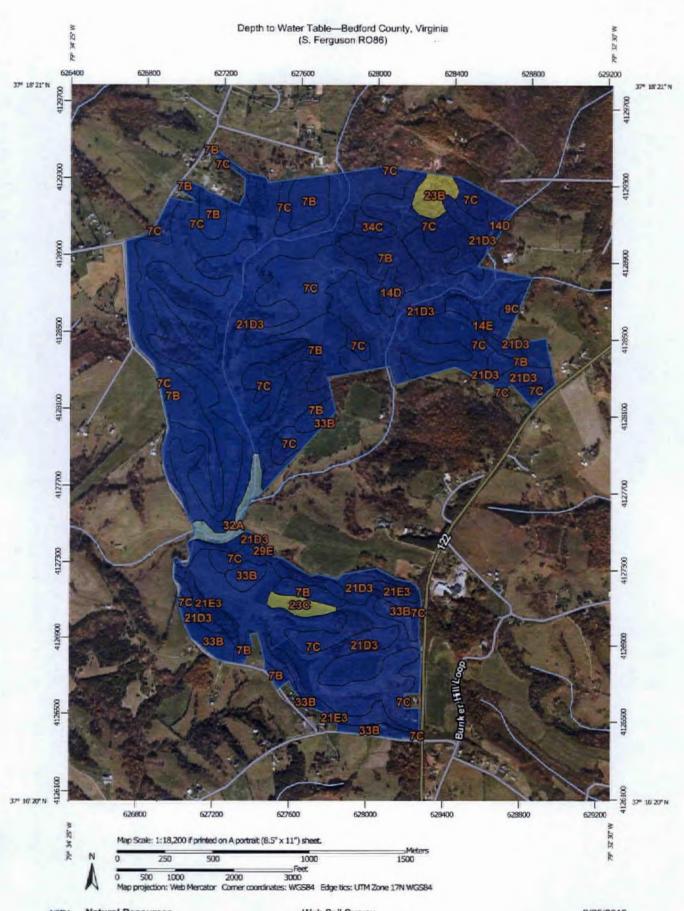
This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

### **Rating Options**

Units of Measure: centimeters

Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower Interpret Nulls as Zero: No



#### MAP LEGEND

#### Area of Interest (AOI) Not rated or not available Area of Interest (AOI) Water Features Soils Streams and Canals Soil Rating Polygons Transportation 0-25 Rails 25 - 50 Interstate Highways 50 - 100 **US Routes** 100 - 150 Major Roads 150 - 200 Local Roads > 200 Background Not rated or not available Aerial Photography Soil Rating Lines 0 - 25 25 - 50 50 - 100 100 - 150 150 - 200 > 200 Not rated or not available Soil Rating Points 0 - 25 25 - 50 50 - 100 100 - 150 150 - 200 > 200

#### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Bedford County, Virginia Survey Area Data: Version 11, Dec 11, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 8, 2010—Mar 17, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## **Depth to Water Table**

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
7B	Cecil fine sandy loam, 2 to 7 percent slopes	>200	116.8	13.8%
7C	Cecil fine sandy loam, 7 to 15 percent slopes	>200	250.7	29.6%
9C	Cullen loam, 7 to 15 percent slopes	>200	2.5	0.3%
14D	Grover fine sandy loam, 15 to 25 percent slopes	>200	5.3	0.6%
14E	Grover fine sandy loam, 25 to 40 percent slopes	>200	7.1	0.8%
21D3	Madison sandy clay loam, 15 to 25 percent slopes, severely eroded	>200 .	376.4	44,4%
21E3	Madison sandy clay loam, 25 to 40 percent slopes, severely eroded	>200	22.0	2.6%
23B	Mattaponi sandy loam, 2 to 7 percent slopes	91	9.5	1.1%
23C	Mattaponi sandy loam, 7 to 15 percent slopes	91	6.9	0.8%
29E	Sweetapple fine sandy loam, 25 to 60 percent slopes	>200	11.9	1.4%
32A	Toccoa sandy loam, 0 to 2 percent slopes	114	9.7	1.1%
33B	Turbeville fine sandy loam, 2 to 7 percent slopes	>200	23.6	2.8%
34C	Vance fine sandy loam, 7 to 15 percent slopes	>200	5.4	0.6%
Totals for Area of Inter	est		847.8	100.0%

### **Description**

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

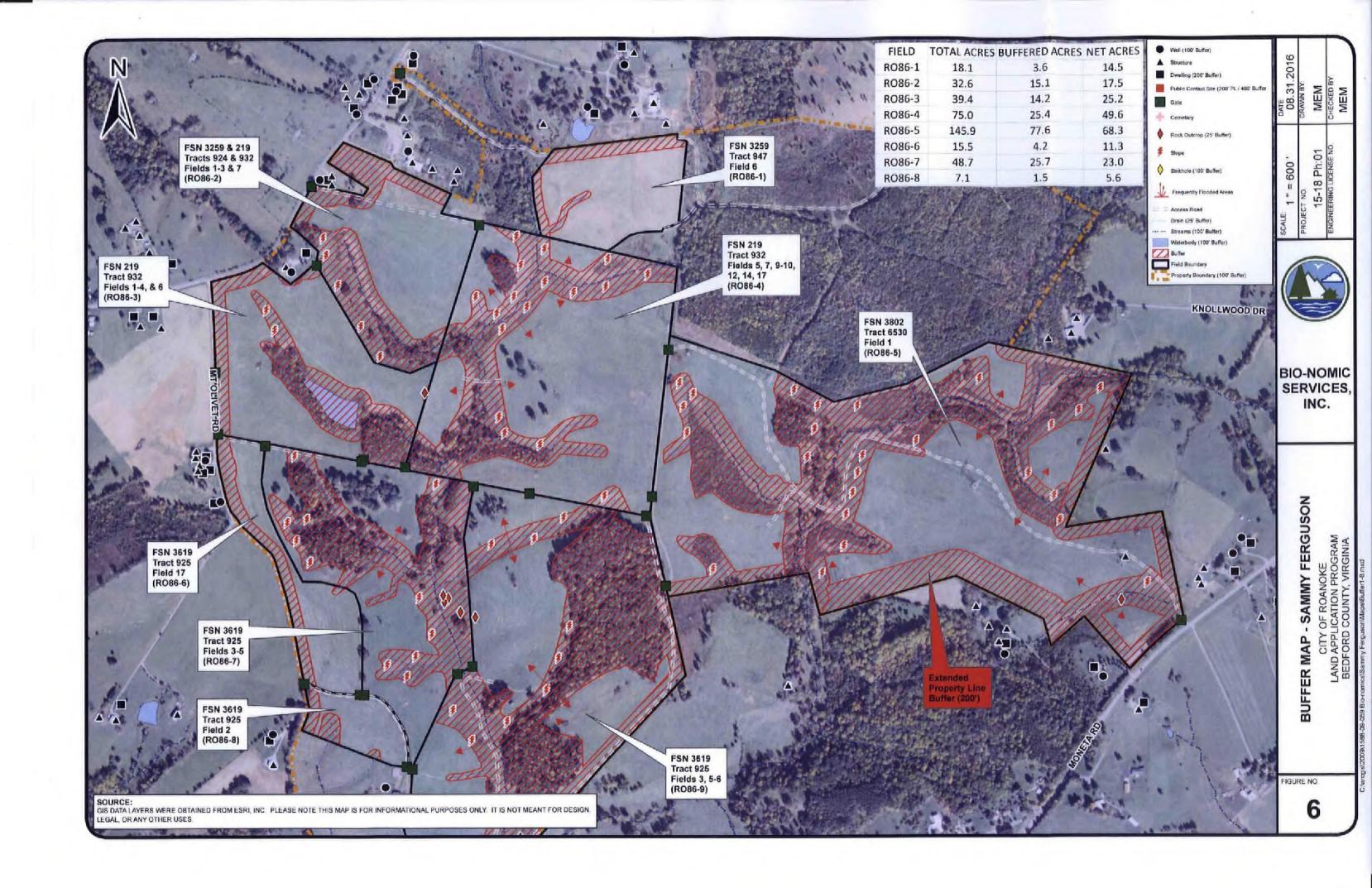
This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

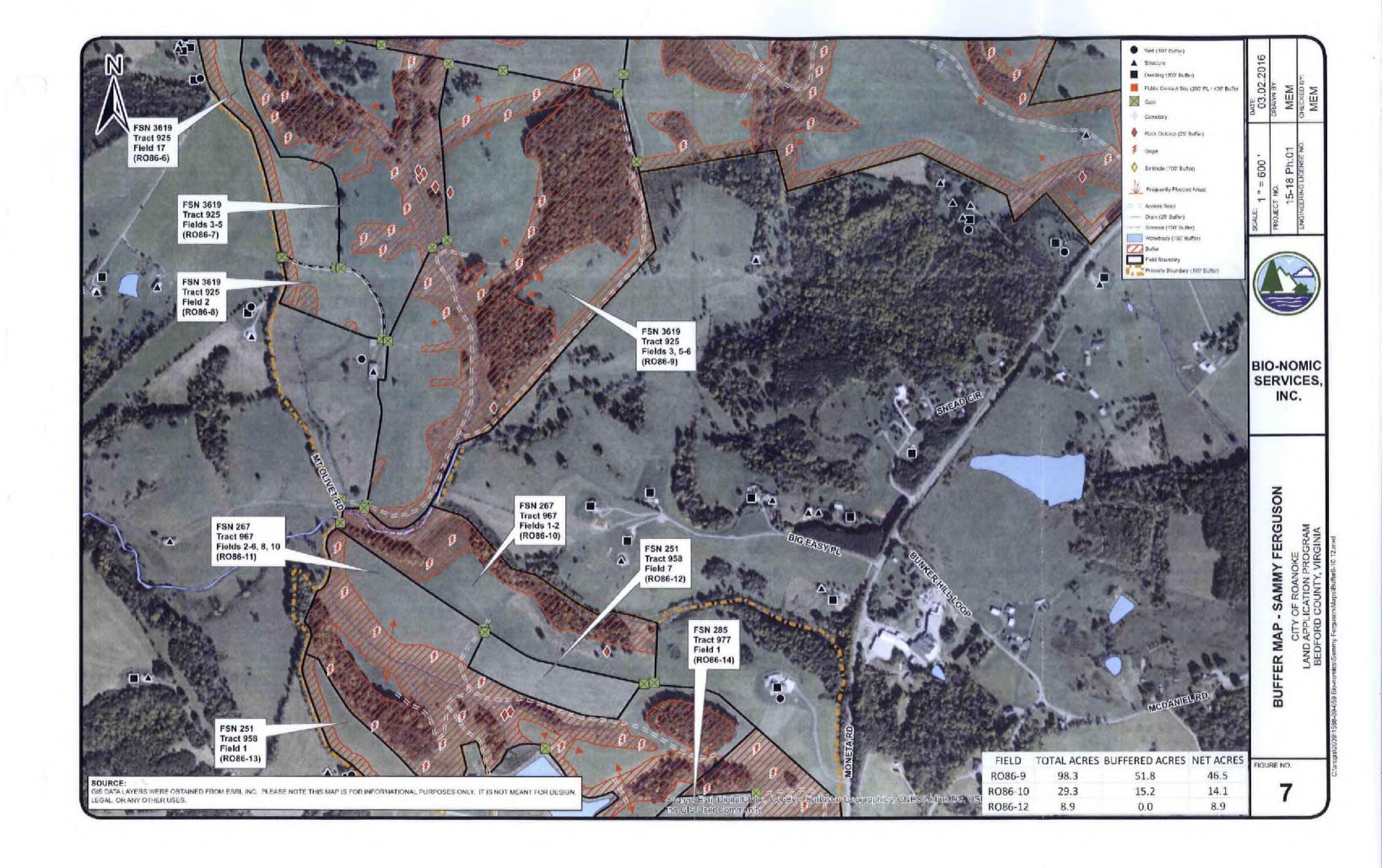
### **Rating Options**

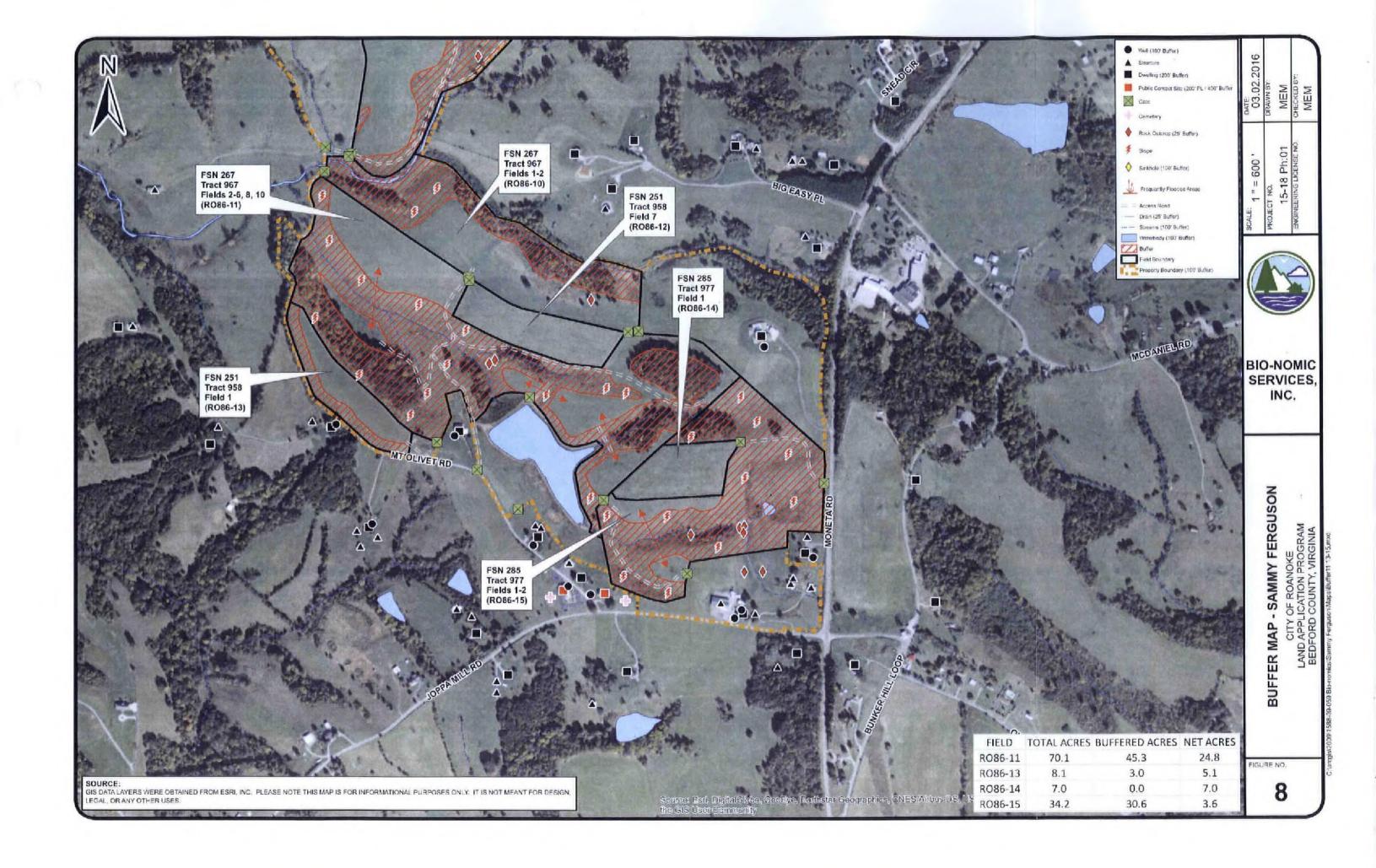
Units of Measure: centimeters

Aggregation Method: Dominant Component Component Percent Cutoff: None Specified

Tie-break Rule: Lower Interpret Nulls as Zero: No Beginning Month: January Ending Month: December









1

1 inch = 635 feet

Farm: 3619 Tract: 925

Workers to be relication the Labour Constituted than

Cracel Sent Constraint Contributed Playmer

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1

1 inch = 197 feet

Farm: 5098 Tract: 1080

Whether Enterminedian Mariettara

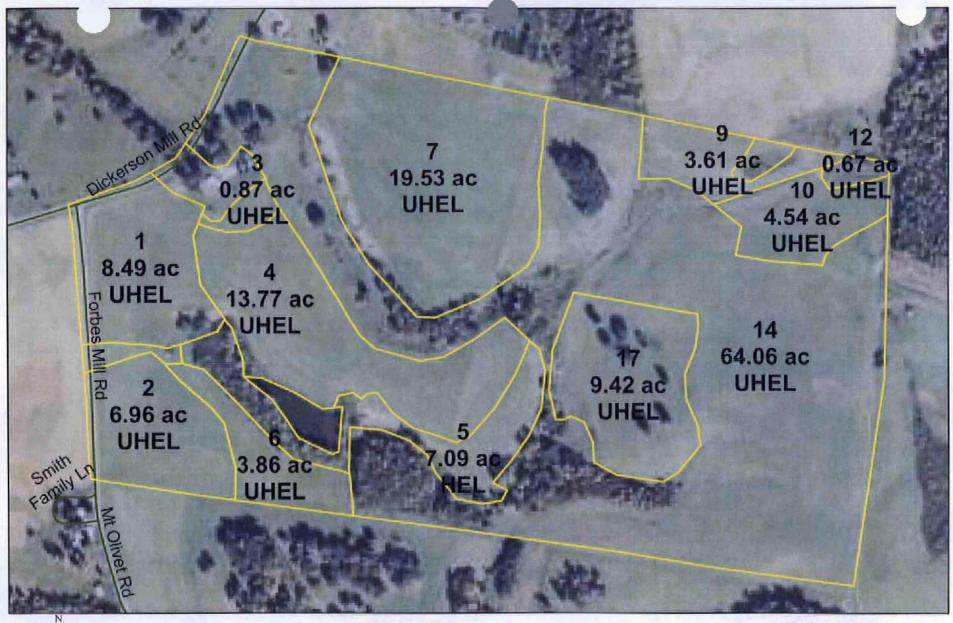
Variet National

Complete Manager of Contract Contract

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 385 feet

Farm: 219

Tract: 932



Control of the

County Street Contracted and Contract Property

Disclaimer: Wetland Identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 389 feet

Farm: 249 Tract: 957

Medical Religionization Sintelligent Contained that

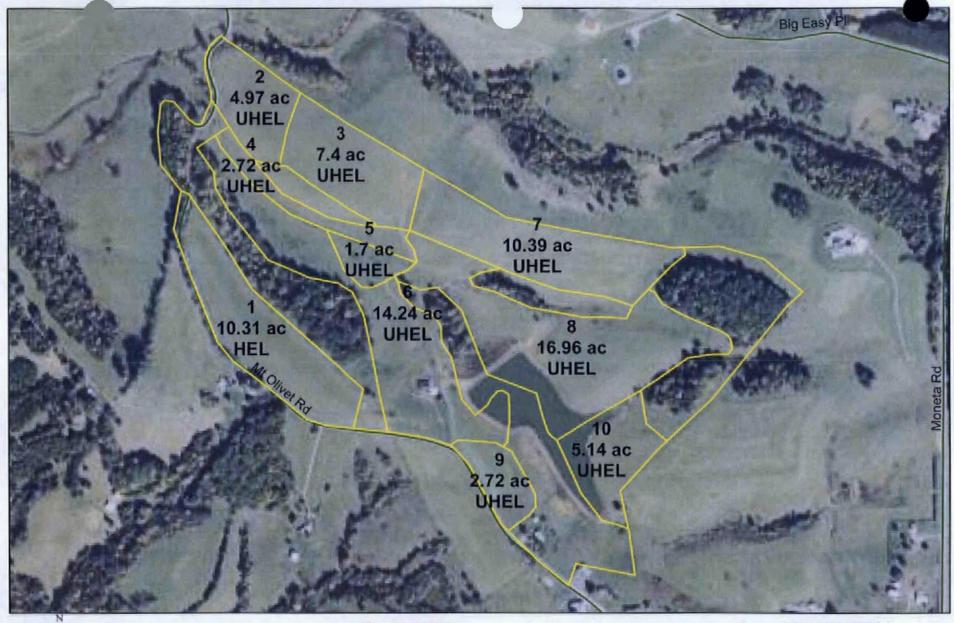
Varied Plant store

Would have Control and Contributed the space

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 488 feet

Farm: 251 Tract: 958

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 471 feet

Farm: 267

Tract: 967

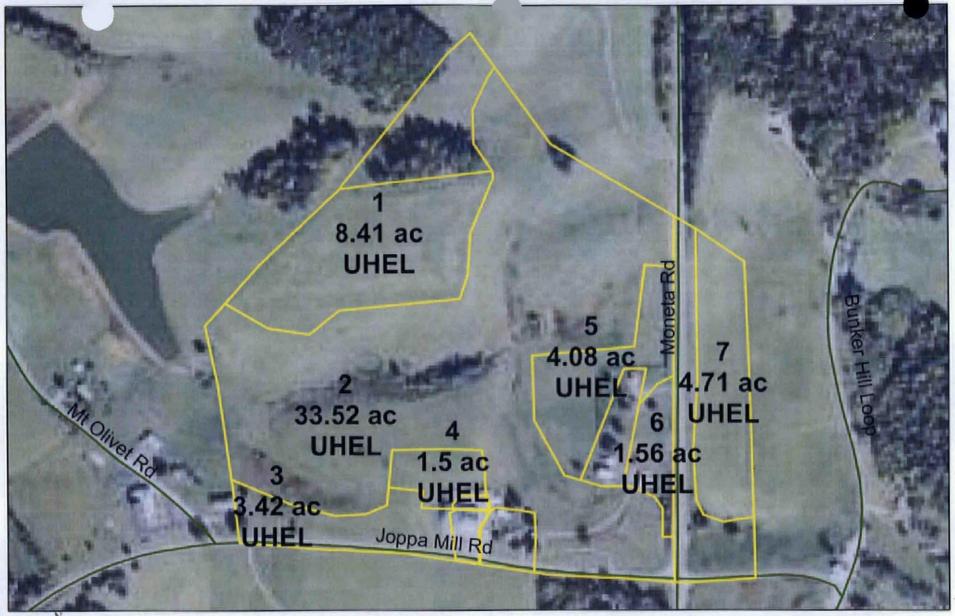
Christel Referminelist Metallera Christian

Example of Commission Contributed Plans

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 334 feet

Farm: 285 Tract: 977

Profession Referenterships Marte Plans

Vental item store

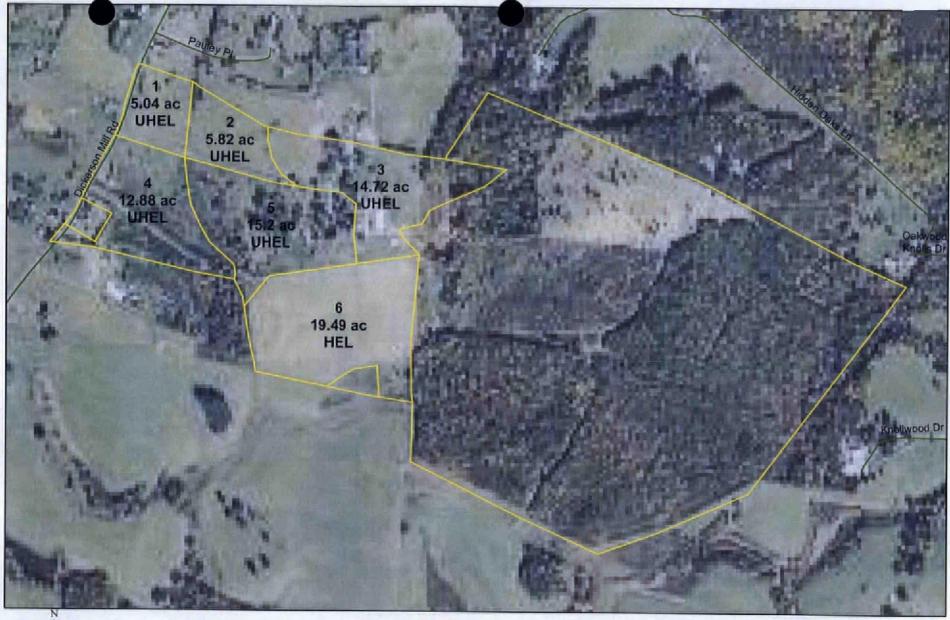
Personal Security Supervised and Plant of Security States and

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



Bedford County, VA

Jan 5, 2015



1 inch = 598 feet

Farm: 3259 Tract: 947

Worksteil Enformiteritats filmer Floren Montanted than

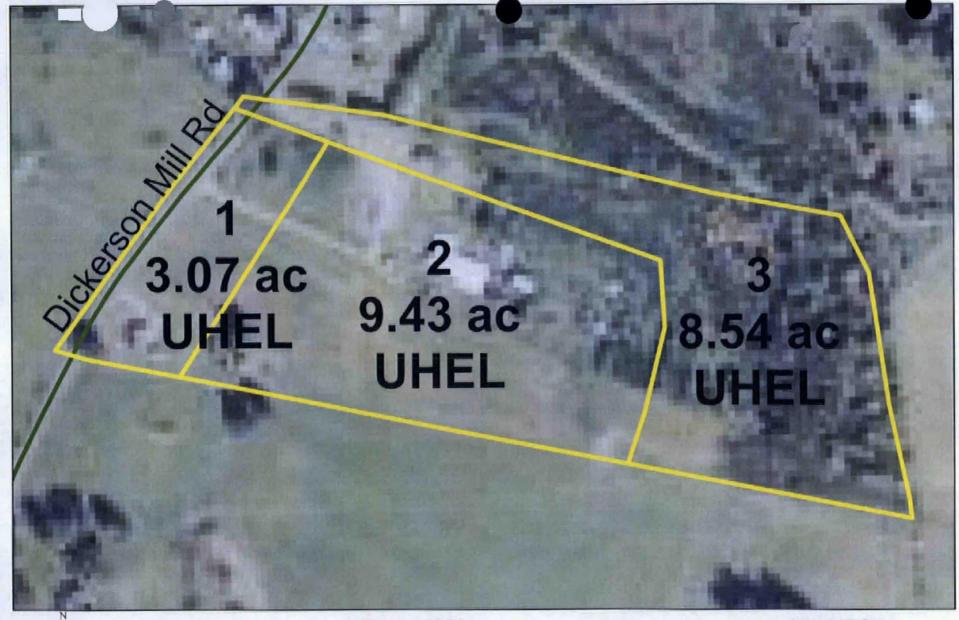
VALUE AND ADDRESS OF THE PARTY OF THE PARTY

Francisco Control of Control of Control

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 182 feet

Farm: 3259 Tract: 924

Merinan Referminship Mate Plans

Charlested the

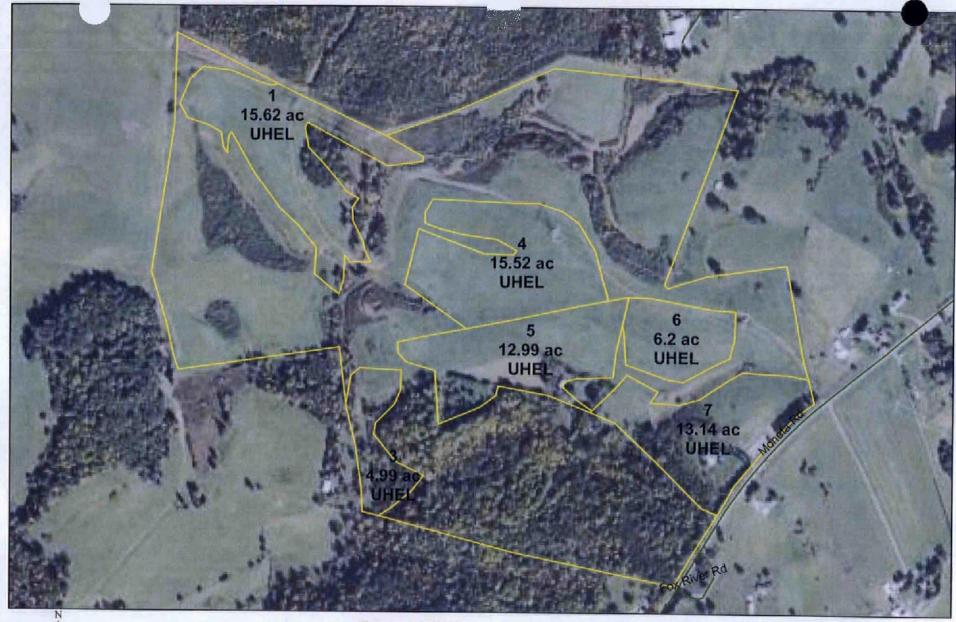
Various State states

Transferent Commissions Contributed Protection

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 



1 inch = 535 feet

Farm: 3802 Tract: 6530

Medicial Coloradacian Mars Mara Organisation

Variati Autore

Completes Comments Completes Provider

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original dermination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.



**Bedford County, VA** 

Page 1 of 2

Report Number: 16-098-0505

Account Number: 45671

'ANALYTICAL

7621 Whitepine Road, Richmond, VA 23237 Main 804-743-9401 ° Fax 804-271-6446 www.waypointanalytical.com

Send To: BIO-NOMIC SERVICES INC

Joel Coert

**516 ROUNDTREE RD** CHARLOTTE NC 28217 "Every acre...Every year." TM

**Grower: FERGERSON** 

Submitted By: DON GREENE

Farm ID: RO 86

**SOIL ANALYSIS REPORT** 

Analytical Method(s):

Lime Index Mehlich 3 Loss On Ignition

Water pH

Date Received: 04/07/2016

Date Of Analysis: 04/08/2016

Date Of Report: 04/08/2016

		OM	W/V	ENR		Phosph	orus			Potassium	Magnesium Ca		Calciun	n Sodium	, p	H	Acidity	C.E.C
Sample ID Field ID	Lab Number	% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm	Rate	ppm	Rate	K ppm Rate	M ppm	g Rate	Ca ppm Ra	Na ite ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
86-1	06733	3.9 M	MIN	112	4 VL NC = 3					124 M NC = 63	264	Н	1769 H	1	7.5		0.0	11.4
86-2	06734	2.6 M	MIN	95	4 VL NC = 3					121 VH NC = 62	56	L	553 N	4	5.4	6.79	1.4	4:9
86-3	06735	3.1 M	MIN	103	14 L NC = 12					31 VL NC = 16	108	М	702	1	5.5	6.77	1.6	6.1
86-4	06737	3.5 M	MIN	107	8 VL NC = 7					86 L NC = 44	228	н	1344	1	7.2		0.0	8:8
86-5	06738	1.3 L	MIN	72	4 VL NC = 3				~	64 L NC = 33	35	L	411 N	1	5.8	6.87	0.6	3.1

								_ <del></del>								
		Perce	nt Base	Saturati	ón	Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum	
Sample ID Field ID	K %	Mg %	Ca %	Na %	H %	NO <sub>3</sub> N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate	CI ppm Rate	Al ppm	
86-1	2.8	19.3	77.6		0.0											
86-2	6.3	9.5	56.4		28.6											
86-3	1.3	14.8	57,5		26.2				,							
86-4	2.5	21.6	76.4		0.0											
86-5	5.3	9.4	66.3		19.4											

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical-Virginia, Inc.

by: Pauric Mc George

Pauric McGroary

Page 2 of 2

Report Number: 16-098-0505

**Account Number: 45671** 

Waypoint.

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Joel Coert

516 ROUNDTREE RD CHARLOTTE NC 28217 "Every acre...Every year."™

Grower: FERGERSON

Submitted By: DON GREENE

Farm ID: RO 86

**SOIL ANALYSIS REPORT** 

Analytical Method(s):

Lime Index Mehlich 3 Loss On Ignition Water pH

Date Received: 04/07/2016

Date Of Analysis: 04/08/2016

Date Of Report: 04/08/2016

Sample ID Field ID		ОМ	W/V	ENR		Phosphorus		Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C
	Lab Number	% Rate	Soil Class	lbs/A	M3 ppm Rate	ppm Rate	ppm Rate	K ppm Rate	Mg ppm Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
86-6	06739	5.3 H	MIN	141	37 M NC = 31			72 L NC = 37	143 M	1863 VH		6.9		0,1	10.8
86-7	06740	3.3 M	MIN	106	25 L NC = 21			55 VL NC = 28	49 VL	1141 H		6.2		0:9	7.2
86-8	06741	4.0 M	MIN	114	66 H NC = 55			321 VH NC = 164	95 L	1648 H		6,4		1.0	10.9
86-9	06742	3.2 M	MIN	103	84 H NC = 70			103 M NC = 53	91 L	1231 H		6,6		0.5	7.7
86-10	06743	5.8 H	MIN	149	39 M NC = 32			55 VL NC = 28	209 M	1920 H		6,7		0.5	12.0

	1								1 112 44			<u> </u>			I
Sample ID Field ID		Perce	nt Base	Saturati	on	Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
	K %	Mg %	Ca %	Na %	H %	NO <sub>3</sub> N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate	CI ppm Rate	Al ppm
86-6	1.7	11.0	86.3		0.9	T									-
86-7	2.0	5.7	79.2		12.5							-			
:86-8	7.6	7.3	75:6		9.2			-				·			
'86-9	3:4	9.8	79.9		6.5										
86-10	1.2	14.5	80:0		4.2										

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meg/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

by: Pauric Mc George

Pauric McGroary

Page 1 of 1

Report Number: 16-098-0507

**Account Number: 45671** 



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Joel Coert

516 ROUNDTREE RD CHARLOTTE NC 28217 "Every acre...Every year." TM

**Grower: FERGERSON** 

Submitted By: DON GREENE

Farm ID: RO 86

**SOIL ANALYSIS REPORT** 

Analytical Method(s):

Lime Index Mehlich 3 Loss On Ignition

Water pH

Date Received: 04/07/2016

Date Of Analysis: 04/08/2016

Date Of Report: 04/08/2016

Sample ID Field ID		ОМ	W/V	ENR Ibs/A		Phosph	orus			Potassium	Magne	sium	Calcium	Sodium	pН		Acidity	C.E.C
	Lab Number	% Rate	Soil Class		M3 ppm Rate	ppm	Rate	ppm	Rate	K ppm Rate	M ppm	g Rate	Ca ppm Rate	Na ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
86-11	06763	5:5 H	MIN	144	89 H NC = 74					114 M NC = 58	116	L	1969 VH		6.9		0.2	11.3
86-12	06764	4.6 M	MIN	128	90 H NC = 75					48 VL NC = 25	99	L	1667 VH		6.8		0.3	9.6
86-13	06765	3.7 M	MIN	112	39 M NC = 32					25 VL NC = 13	121	М	1393 H		6.7		0.4	8.4
86-14	06766	4.8 M	MIN	133	67 H NC = 56		•			165 VH NC = 84	127	М	1505 H		6.7		0.4	9.4
86-15	06767	4.9 M	MIN	135	60 H NC = 50				. ·	162 VH NC = 83	120	М	1604 VH		7.0		0.0	9.4

		Perce	nt Base	Saturation	on	Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
Sample ID Field ID	К %	Mg %	Ca %	Na %	Н %	NO <sub>3</sub> N ppm Rate	S ppm Rate	Zn ppm Rate	Mn ppm Rate	Fe ppm Rate	Cu ppm Rate	B ppm Rate	SS ms/cm Rate	CI ppm Rate	Al ppm
86-11	2.6	8.6	87.1		1.8										
86-12	1.3	8.6	86.8		3.1										
86-13	0.8	12.0	82.9	_	4.8										
86-14	4.5	11.3	80.1		4.3										
86-15	4.4	10.6	85.3		0.0							-			

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: Waypoint Analytical Virginia, Inc.

Pauric McGroary